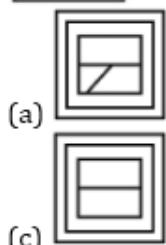
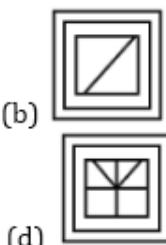


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**Q1.** From the given answer figures, select the one in which the question figure is hidden/embedded.



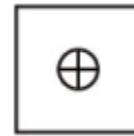
- (a) a
- (b) b
- (c) c
- (d) d



- (b)



**Q3.** From the given answer figures, select the one in which the question figure is hidden/embedded.



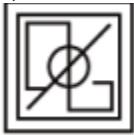
(a)



(b)



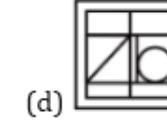
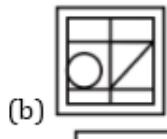
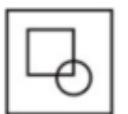
(c)



(d)



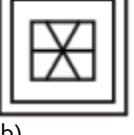
**Q4.** From the given answer figures, select the one in which the question figure is hidden/embedded.



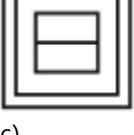
(a)



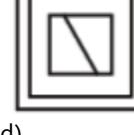
(b)



(c)



(d)



(d)



**BILINGUAL**

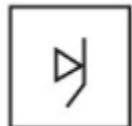
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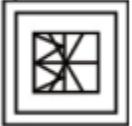
**Q5.** From the given answer figures, select the one in which the question figure is hidden/embedded.



(a)



(b)



(c)



(d)



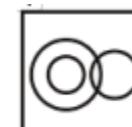
**Directions (6-9): Identify the diagram that best represents the relationship among the given classes.**

**Q6. Rose, Flower, Stone**

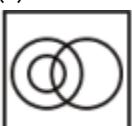
(a)



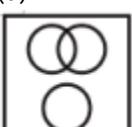
(b)



(c)

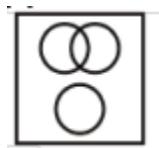


(d)



**Q7. Tree, Branches, Root**

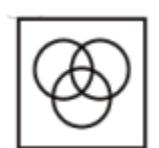
(a)



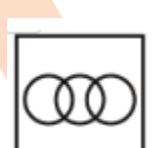
(b)



(c)

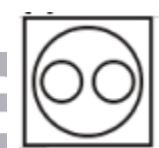


(d)

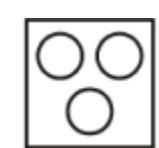


**Q8. Shirt, Trouser, Clothes**

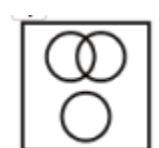
(a)



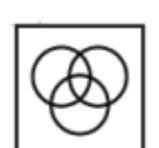
(b)



(c)

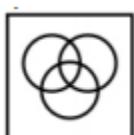


(d)

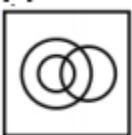


**Q9.** Identify the diagram that best represents the relationship among the given classes.  
Fruits, Mango, Ripe

(a)



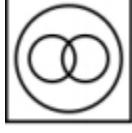
(b)



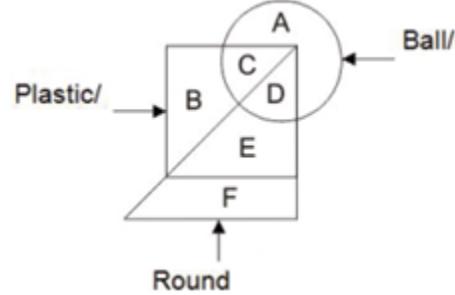
(c)



(d)

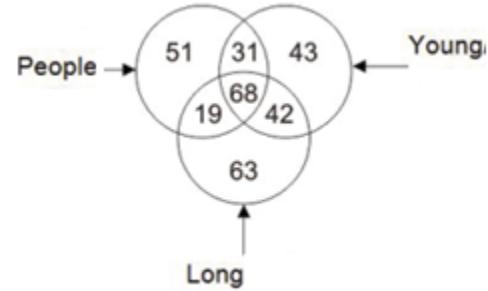


**Q10.** In the given figure, which letter represents round ball?



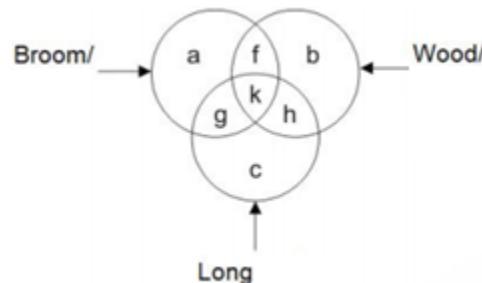
- (a) B
- (b) E
- (c) C
- (d) D

**Q11.** In the given figure, how many people are young?



- (a) 31
- (b) 68
- (c) 99
- (d) 110

**Q12.** In the given figure, which letter represents broom, which is wood but not long?



- (a) h
- (b) g
- (c) f
- (d) k

**Q13.** In the following question, select the odd word/letter/number (pair) from the given alternatives.

- (a) Walls
- (b) Doors
- (c) Floor
- (d) Foundation

**Q14.** In the following question, select the odd word/letter/number (pair) from the given alternatives.

- (a) Clouds : Rain
- (b) Injury : Pain
- (c) Boiling : Evaporation
- (d) Cold : Freezing

**Q15.** In the following question, select the odd word/letter/number (pair) from the given alternatives.

- (a) DU
- (b) KP
- (c) JQ
- (d) GT

**Q16.** In the following question, select the odd word/letter/number (pair) from the given alternatives.

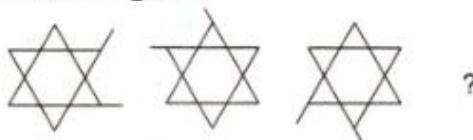
- (a) IM
- (b) DH
- (c) MS
- (d) UY

**Q17.** In the following question, select the odd word/letter/number (pair) from the given alternatives.

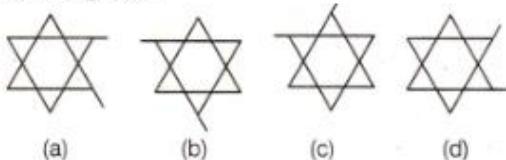
- (a) 121 – 196
- (b) 441 – 484
- (c) 25 – 36
- (d) 169 – 196

**Q18.** Each of the following questions consist of problem figures followed by answer figure. Select a figure from amongst the answer figures which will continue the same series or pattern as established by the problem figures.

#### Problem Figures



#### Answer Figures



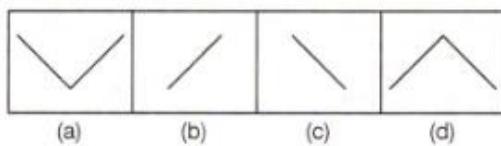
- (a) a
- (b) b
- (c) c
- (d) d

**Q19.** Each of the following questions consist of problem figures followed by answer figure. Select a figure from amongst the answer figures which will continue the same series or pattern as established by the problem figures.

#### Problem Figures



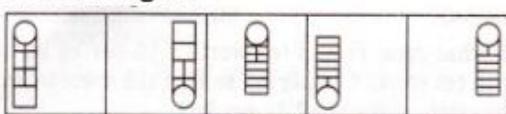
#### Answer Figures



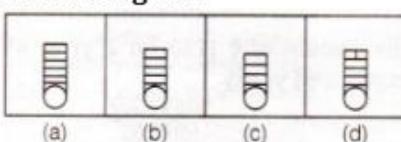
- (a) a
- (b) b
- (c) c
- (d) d

**Q20.** Each of the following questions consist of problem figures followed by answer figure. Select a figure from amongst the answer figures which will continue the same series or pattern as established by the problem figures.

#### Problem Figures



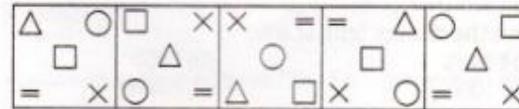
#### Answer Figures



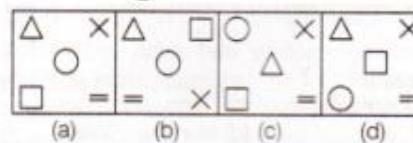
- (a) a
- (b) b
- (c) c
- (d) d

**Q21.** Each of the following questions consist of problem figures followed by answer figure. Select a figure from amongst the answer figures which will continue the same series or pattern as established by the problem figures.

#### Problem Figures



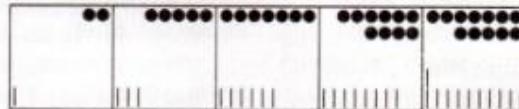
#### Answer Figures



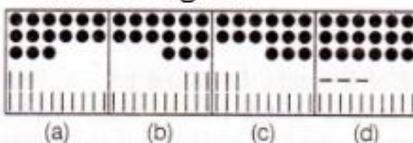
- (a) a
- (b) b
- (c) c
- (d) d

**Q22.** Each of the following questions consist of problem figures followed by answer figure. Select a figure from amongst the answer figures which will continue the same series or pattern as established by the problem figures.

#### Problem Figures



#### Answer Figures



- (a) a
- (b) b
- (c) c
- (d) d

**Directions (23-27); In the following question, select the related word/number from the given alternatives.**

**Q23.** Punjab : Bhangra :: Gujarat : ?

- (a) Bihu
- (b) Garba
- (c) Ghumar
- (d) Kathak

**Q24.** Weak : Feeble :: Large : ?

- (a) Strong
- (b) Insignificant
- (c) Colossal
- (d) Teeny

**Q25.** INQV : JPTZ :: HNSG : ?

- (a) IPVK
- (b) PIVK
- (c) IPKV
- (d) IRVK

**Q26.** GHIJ : HJJL :: NOPQ : ?

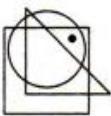
- (a) OQQS
- (b) OSSQ
- (c) PPRS
- (d) OQSQ

**Q27.** 6 : 216 :: 5 : ?

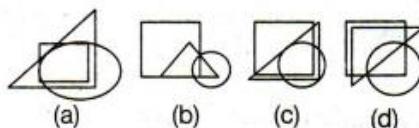
- (a) 125
- (b) 50
- (c) 75
- (d) 150

**Q28.** The following situations involve a cluster of three or more geometrical figures, having one or more dots placed at any point inside the cluster. This cluster is followed by a set of four alternative figures each composed of a cluster of the same type of figures. Now, for each dot we have to observe the region in which it is enclosed i.e., in which of the geometrical figure this region is common. From amongst the figures marked (A), (B), (C) and (D). select the figure which satisfies the same conditions of placement of the dot as in question figure.

Question figure



Answer figure



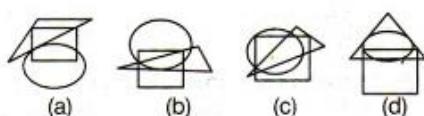
- (a) a
- (b) b
- (c) c
- (d) d

**Q29.** The following situations involve a cluster of three or more geometrical figures, having one or more dots placed at any point inside the cluster. This cluster is followed by a set of four alternative figures each composed of a cluster of the same type of figures. Now, for each dot we have to observe the region in which it is enclosed i.e., in which of the geometrical figure this region is common. From amongst the figures marked (A), (B), (C) and (D). select the figure which satisfies the same conditions of placement of the dot as in question figure.

Question figure



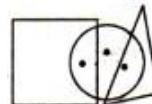
Answer figure



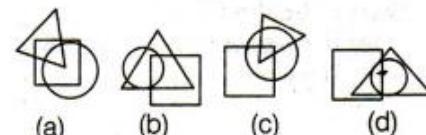
- (a) a
- (b) b
- (c) c
- (d) d

**Q30.** The following situations involve a cluster of three or more geometrical figures, having one or more dots placed at any point inside the cluster. This cluster is followed by a set of four alternative figures each composed of a cluster of the same type of figures. Now, for each dot we have to observe the region in which it is enclosed i.e., in which of the geometrical figure this region is common. From amongst the figures marked (A), (B), (C) and (D). select the figure which satisfies the same conditions of placement of the dot as in question figure.

Question figure



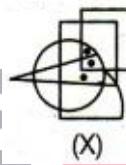
Answer figure



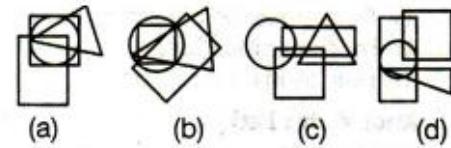
- (a) a
- (b) b
- (c) c
- (d) d

**Q31.** The following situations involve a cluster of three or more geometrical figures, having one or more dots placed at any point inside the cluster. This cluster is followed by a set of four alternative figures each composed of a cluster of the same type of figures. Now, for each dot we have to observe the region in which it is enclosed i.e., in which of the geometrical figure this region is common. From amongst the figures marked (A), (B), (C) and (D). select the figure which satisfies the same conditions of placement of the dot as in question figure.

Question figure



Answer figure



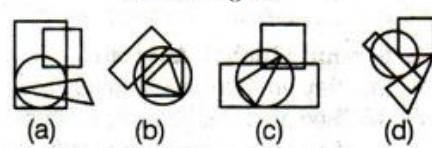
- (a) a
- (b) b
- (c) c
- (d) d

**Q32.** The following situations involve a cluster of three or more geometrical figures, having one or more dots placed at any point inside the cluster. This cluster is followed by a set of four alternative figures each composed of a cluster of the same type of figures. Now, for each dot we have to observe the region in which it is enclosed i.e., in which of the geometrical figure this region is common. From amongst the figures marked (A), (B), (C) and (D). select the figure which satisfies the same conditions of placement of the dot as in question figure.

Question figure



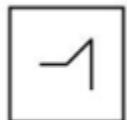
Answer figure



- (a) a
- (b) b
- (c) c
- (d) d

Directions (33-37): From the given answer figures, select the one in which the question figure is hidden/embedded.

Q33.



(a)



(b)



(c)



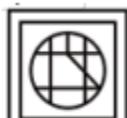
(d)



Q34.



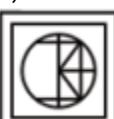
(a)



(b)



(c)



(d)



Q35.



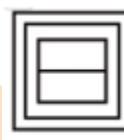
(a)



(b)



(c)



(d)



Q36.



(a)



(b)

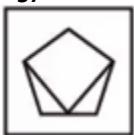


(c)



(d)



**Q37.**


(a)



(b)



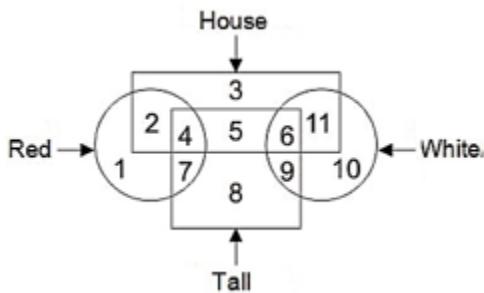
(c)



(d)

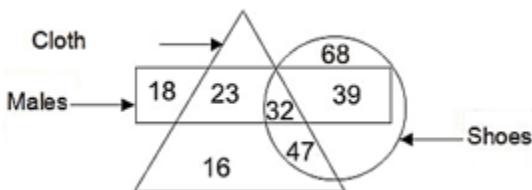


**Q38.** In the given figure, which number represents houses which are red and tall?



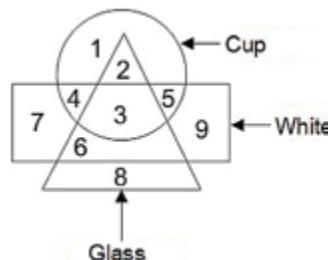
- (a) 7
- (b) 4
- (c) 8
- (d) 11

**Q39.** In the given figure, how many males shoes are not of clothes?



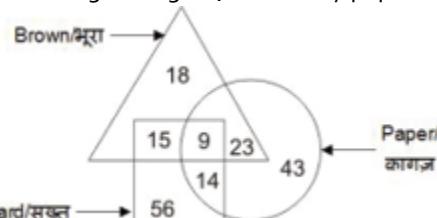
- (a) 71
- (b) 39
- (c) 79
- (d) 23

**Q40.** In the given figure, which number represents white glass which is not cup?



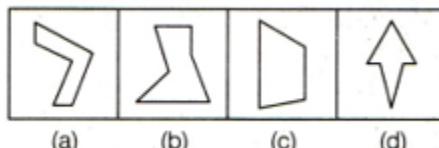
- (a) 2
- (b) 3
- (c) 6
- (d) 4

**Q41.** In the given figure, how many papers are also hard?



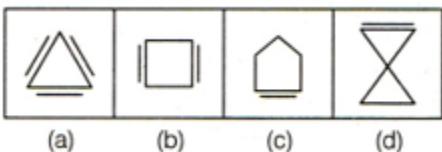
- (a) 14
- (b) 23
- (c) 37
- (d) 32

**Directions (42-45):** In the given figures find the odd figure out.

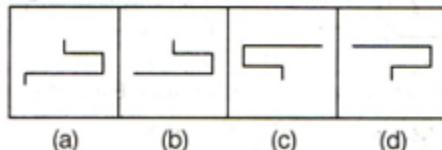
**Q42.**


- (a) a
- (b) b
- (c) c
- (d) d

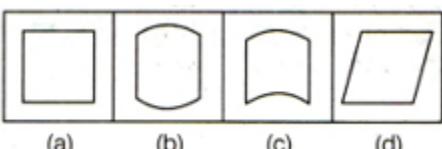


**Q43.**


- (a) a  
(b) b  
(c) c  
(d) d

**Q44.**


- (a) a  
(b) b  
(c) c  
(d) d

**Q45.**


- (a) a  
(b) b  
(c) c  
(d) d

**Q46.** In the following question from among the given alternatives select the one which is different from the other alternatives

- (a) Mother  
(b) Grandfather  
(c) Father  
(d) Wife

**Q47.** In the following question from among the given alternatives select the one which is different from the other alternatives

- (a) Forward  
(b) Text  
(c) Index  
(d) Preface

**Q48.** In the following question from among the given alternatives select the one which is different from the other alternatives

- (a) CEFG  
(b) DFGH  
(c) EGHI  
(d) XZCG

**Q49.** In the following question from among the given alternatives select the one which is different from the other alternatives

- (a) OQTX  
(b) IMNQ  
(c) EGJN  
(d) XZCG

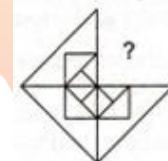
**Q50.** In the following question from among the given alternatives select the one which is different from the other alternatives

- (a) Node  
(b) Abode  
(c) Shy  
(d) Across

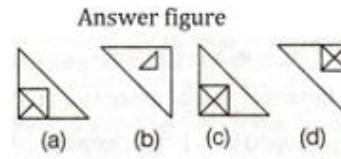
**Directions (51-55):** In each of the following questions, a part of the figure is missing. Find out from the given options (A), (B), (C) and (D), the right figure to fit in the missing question figure.

**Q51.**

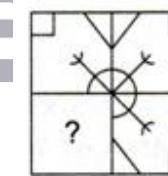
Question figure



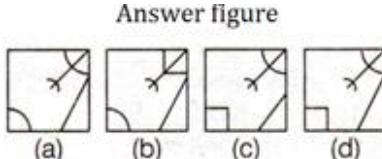
- (a) a  
(b) b  
(c) c  
(d) d


**Q52.**

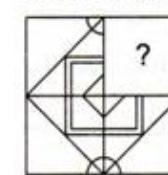
Question figure



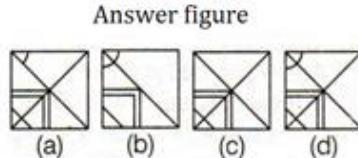
- (a) a  
(b) b  
(c) c  
(d) d


**Q53.**

Question figure

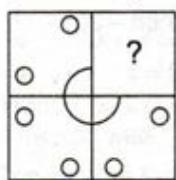


- (a) a  
(b) b  
(c) c  
(d) d

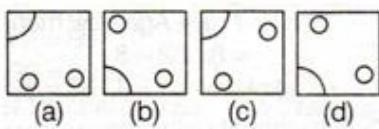


**Q54.**

Question figure



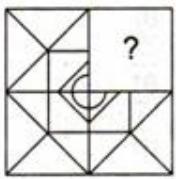
Answer figure



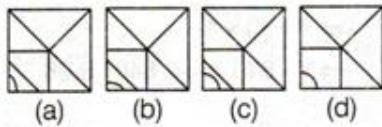
- (a) a
- (b) b
- (c) c
- (d) d

**Q55.**

Question figure



Answer figure



- (a) a
- (b) b
- (c) c
- (d) d

**Directions (56-60): Select the related letters/word/ number from the given alternative.**

**Q56.** 10 : 400 :: 15 : ?

- (a) 600
- (b) 750
- (c) 900
- (d) 1200

**Q57.** ABCD : PQRS :: ZYXW : ?

- (a) KJIH
- (b) HIJK
- (c) KJIG
- (d) HIJL

**Q58.** 27 : 65 :: 125 : ?

- (a) 216
- (b) 217
- (c) 219
- (d) 221

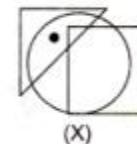
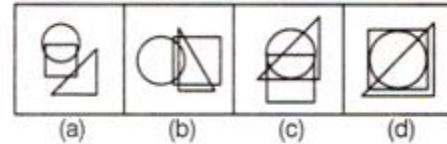
**Q59.** BDFH : YWUS :: GIKM : ?

- (a) HJLN
- (b) ZXVT
- (c) TQOM
- (d) TRPN

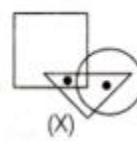
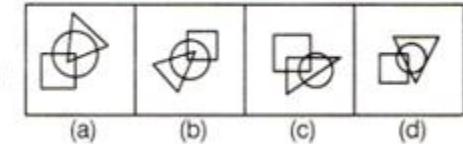
**Q60.** FAN : 63 :: BET : ?

- (a) 93
- (b) 81
- (c) 54
- (d) 75

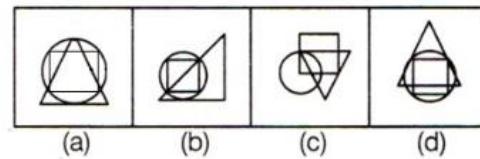
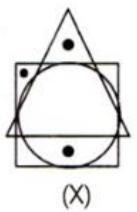
**Directions (61-64): From amongst the figures marked (A), (b), (C) and (d), select the figure which satisfies the same conditions of placement of the dot as in figure (X).**

**Q61.**
**Problem Figure**

**Answer Figures**


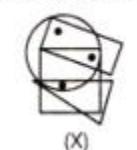
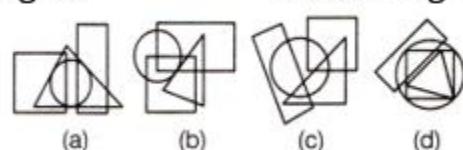
- (a) a
- (b) b
- (c) c
- (d) d

**Q62.**
**Problem Figure**

**Answer Figures**


- (a) a
- (b) b
- (c) c
- (d) d

**Q63.**


- (a) a
- (b) b
- (c) c
- (d) d

**Q64.**
**Problem Figure**

**Answer Figures**


- (a) a
- (b) b
- (c) c
- (d) d

Directions (65-68): Identify the diagram that best represents the relationship among the given classes.

**Q65.** Urban people, Educated, Hard-working

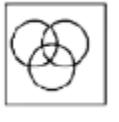
(a)



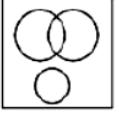
(b)



(c)

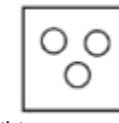


(d)

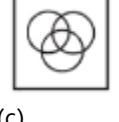


**Q66.** College, University, Students

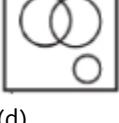
(a)



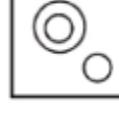
(b)



(c)

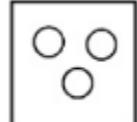


(d)

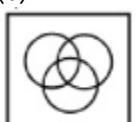


**Q67.** Girl, Singer, Politician

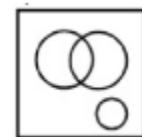
(a)



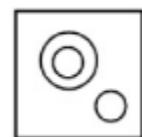
(b)



(c)

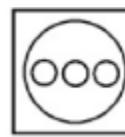


(d)

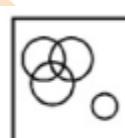


**Q68.** Festival, Durga Puja, Diwali, Eid

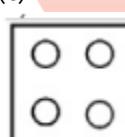
(a)



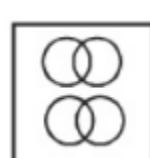
(b)



(c)



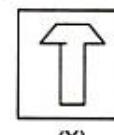
(d)



Directions (69-73): The original figure is embedded or hidden in one of the answer figures (A), (b), (C) and (d). Select the alternative that carries the correct figure which clearly shows the embedded portion of the original figures.

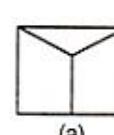
**Q69.**

Question figure

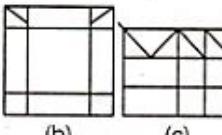


(X)

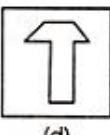
Answer figure



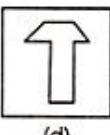
(a)



(b)



(c)



(d)

(a) A

(b) B

(c) C

(d) D

**Q70.**

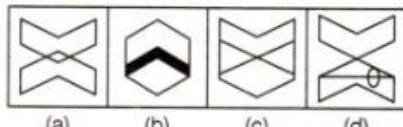
Question figure



(X)

- (a) A
- (b) B
- (c) C
- (d) D

Answer figure



(a) (b) (c) (d)

**Q76.**

Find the odd numbers/letters /words from the given alternatives.

- (a) BDGI
- (b) JLOQ
- (c) ZADF
- (d) RTWY

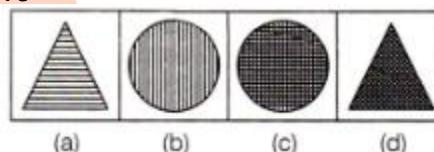
**Q77.** Find the odd numbers/letters /words from the given alternatives.

- (a) AEFJ
- (b) EHIL
- (c) KOPT
- (d) UYZD

**Q78.** Find the odd numbers/letters /words from the given alternatives.

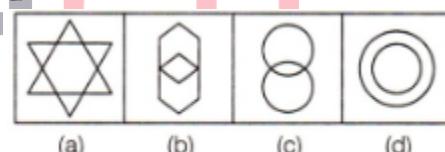
- (a) 1
- (b) 16
- (c) 81
- (d) 243

**Directions (79-81):** In each of the following questions one of the figures is different from the rest. Spot the figure.

**Q79.**


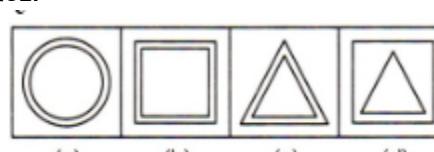
(a) (b) (c) (d)

- (a) A
- (b) B
- (c) C
- (d) D

**Q80.**


(a) (b) (c) (d)

- (a) A
- (b) B
- (c) C
- (d) D

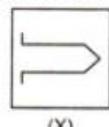
**Q81.**


(a) (b) (c) (d)

- (a) A
- (b) B
- (c) C
- (d) D

**Q71.**

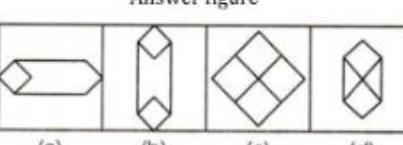
Question figure



(X)

- (a) A
- (b) B
- (c) C
- (d) D

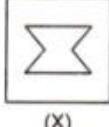
Answer figure



(a) (b) (c) (d)

**Q72.**

Question figure



(X)

- (a) A
- (b) B
- (c) C
- (d) D

**Q73.**

Question figure



(X)

- (a) A
- (b) B
- (c) C
- (d) D

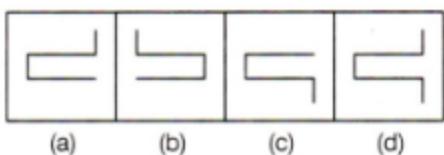
**Q74.** Find the odd numbers/letters /words from the given alternatives.

- (a) Onion
- (b) Tomato
- (c) Potato
- (d) Carrot

**Q75.** Find the odd numbers/letters /words from the given alternatives.

- (a) Stamp: Letter
- (b) Ticket : Train
- (c) Ink : pen
- (d) Car: Engine

Q82.

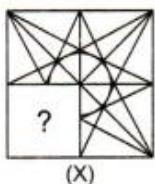


- (a) A
- (b) B
- (c) C
- (d) D

**Directions (83-87):** In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.

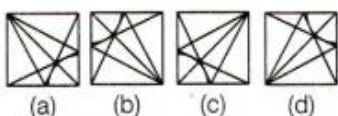
Q83.

Question figure



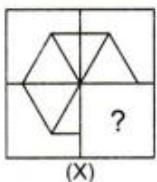
- (a) A
- (b) B
- (c) C
- (d) D

Answer figure



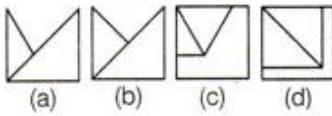
Q84.

Question figure



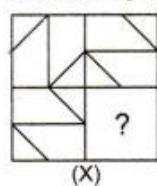
- (a) A
- (b) B
- (c) C
- (d) D

Answer figure



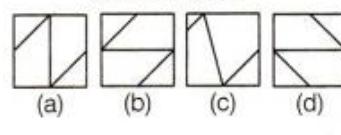
Q85.

Question figure



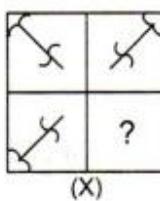
- (a) A
- (b) B
- (c) C
- (d) D

Answer figure



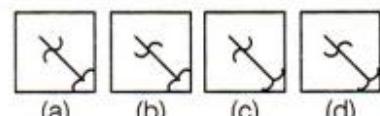
Q86.

Question figure



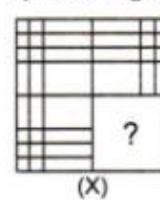
- (a) A
- (b) B
- (c) C
- (d) D

Answer figure



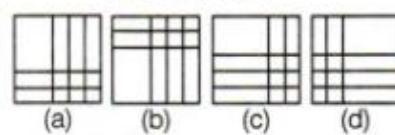
Q87.

Question figure



- (a) A
- (b) B
- (c) C
- (d) D

Answer figure



## IAF AFCAT 2022 Complete E-Kit



**Directions (88-92):** In the following questions, select the related word (pair)/ letter(s)/ number(s) from the given alternatives.

Q88. Smoke : Pollution :: Fire : ?

- (a) Death
- (b) Sound
- (c) Ash
- (d) Cold

Q89. Players : Team :: ? : ?

- (a) Car : Group
- (b) Ship : Fleet
- (c) Airplane : Flight
- (d) Pen : Heap

**Q90.** GLOR : FJLN :: TWQK : ?

- (a) SUNG
- (b) SUMG
- (c) SUGN
- (d) SUGM

**Q91.** GHI : DFH :: LMN : ?

- (a) IMK
- (b) JLM
- (c) ILM
- (d) IKM

**Q92.** 8 : 512 :: 6 : ?

- (a) 216
- (b) 312
- (c) 408
- (d) 512

**Directions (93-96):** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

**Q93.** P, M, J, G, ?

- (a) E
- (b) C
- (c) F
- (d) D

**Q94.** AA, DB, IC, PD, ?

- (a) WF
- (b) XE
- (c) YE
- (d) WE

**Q95.** 1, 8, 29, 92, 281, ?

- (a) 567
- (b) 628
- (c) 776
- (d) 848

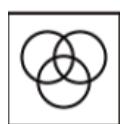
**Q96.** 2, 7, 22, 67, ?

- (a) 197
- (b) 198
- (c) 200
- (d) 202

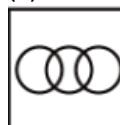
**Directions (97-100):** Identify the diagram that best represents the relationship among the given classes.

**Q97.** Yellow, Vegetables, Red Blood

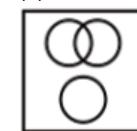
- (a)



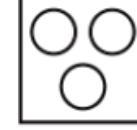
- (b)



(c)



(d)



**Q98.** Lemons, Citrus fruits, Chocolates

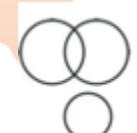
- (a)



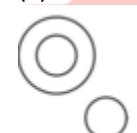
(b)



(c)

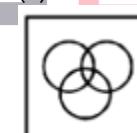


(d)

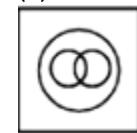


**Q99.** Cricketer, Footballer, Indian

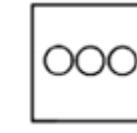
- (a)



(b)



(c)

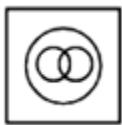


(d)

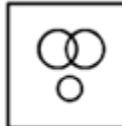


**Q100.** Graduates, Doctors, Professors

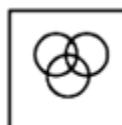
(a)



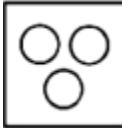
(b)



(c)



(d)



**Directions (101-105):** The original figure is embedded or hidden in one of the answer figures (A), (b), (C) and (d). Select the alternative that carries the correct figure which clearly shows the embedded portion of the original figures.

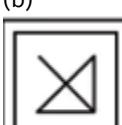
**Q101.**



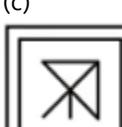
(a)



(b)



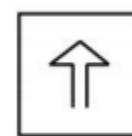
(c)



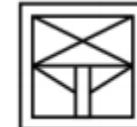
(d)



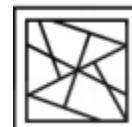
**Q102.**



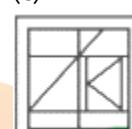
(a)



(b)



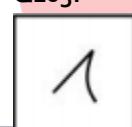
(c)



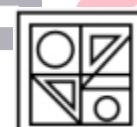
(d)



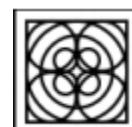
**Q103.**



(a)



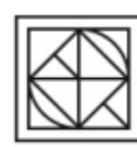
(b)



(c)



(d)



**Q104.**


(a)



(b)



(c)



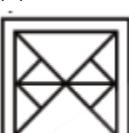
(d)


**Q105.**

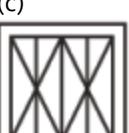

(a)



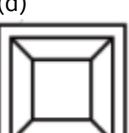
(b)



(c)



(d)


**Q106.** Find the odd numbers/letters /words from the given alternatives.

- (a) GDA
- (b) IFC
- (c) YVT
- (d) PMJ

**Q107.** Find the odd numbers/letters /words from the given alternatives.

- (a) 52 – 164
- (b) 60 – 162
- (c) 44 – 146
- (d) 112 – 214

**Q108.** Find the odd numbers/letters /words from the given alternatives.

- (a) Quadrilateral : Four
- (b) Octagon : Eight
- (c) Decagon : Ten
- (d) Heptagon : Six

**Q109.** Find the odd numbers/letters /words from the given alternatives.

- (a) 61
- (b) 51
- (c) 97
- (d) 89

**Q110.** Find the odd numbers/letters /words from the given alternatives.

- (a) 3 – 27
- (b) 7 – 49
- (c) 5 – 125
- (d) 6 – 216

**Directions (111-114):** In each of the following questions one of the figures is different from the rest. Spot the figure.

**Q111.**

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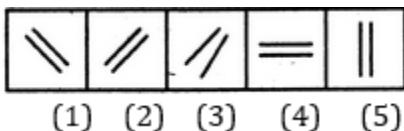
- (1)
- (2)
- (3)
- (4)
- (5)

- (a) 1
- (b) 3
- (c) 5
- (d) 4

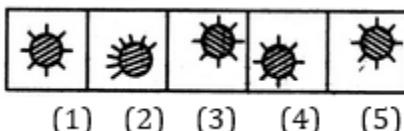
**Q112.**

A	I	U	O	B
(1)	(2)	(3)	(4)	(5)

- (a) 3
- (b) 2
- (c) 1
- (d) 5

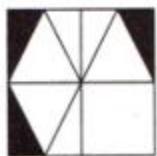
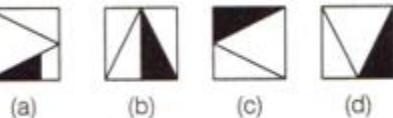
**Q113.**


- (a) 4
- (b) 1
- (c) 3
- (d) 5

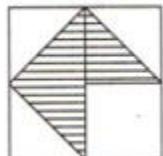
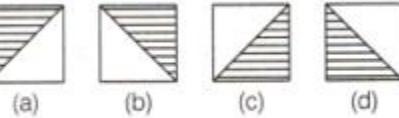
**Q114.**


- (a) 1
- (b) 2
- (c) 5
- (d) 3

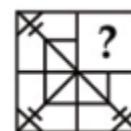
**Directions (115-119):** In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.

**Q115.**
**Pattern Figure**

**Alternative Figures**


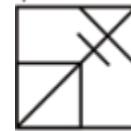
- (a) A
- (b) B
- (c) C
- (d) D

**Q116.**
**Pattern Figure**

**Alternative Figures**


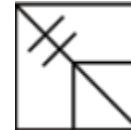
- (a) A
- (b) B
- (c) C
- (d) D

**Q117.**


(a)



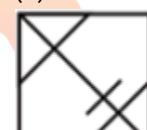
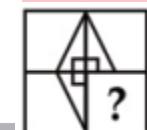
(b)



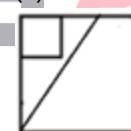
(c)



(d)


**Q118.**


(a)



(b)



(c)



(d)



**Q119.**


(a)



(b)



(c)



(d)



**Directions (120-124):** In the following questions, select the related word (pair)/ letter(s)/ number(s) from the given alternatives.

**Q120.** Scissors : Cloth :: Axe : ?

- (a) Stone
- (b) Wood
- (c) Hunt
- (d) Vegetables

**Q121.** 108 : 11664 :: 112 : ?

- (a) 12504
- (b) 12544
- (c) 13644
- (d) 17644

**Q122.** REKM : UHNP :: PKDL : ?

- (a) SNGO
- (b) SGNO
- (c) SNOG
- (d) MHAG

**Q123.** 5 : 26 :: 8 : ?

- (a) 63
- (b) 64
- (c) 65
- (d) 72

**Q124.** Ramanujan : Mathematician :: Sushruta : ?

- (a) Scientist
- (b) Architect
- (c) Physician
- (d) Astronomer

**Directions (125-128):** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

**Q125.** A, D, G, J, ?

- (a) N
- (b) O
- (c) M
- (d) L

**Q126.** AB10, DF101, GJ290, ?

- (a) DE80
- (b) JM580
- (c) JN577
- (d) JN359

**Q127.** 1, 4, 13, 40, 121, ?

- (a) 284
- (b) 286
- (c) 364
- (d) 396

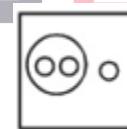
**Q128.** 84, 42, 44, 22, 24, 12, ?

- (a) 20
- (b) 14
- (c) 24
- (d) 28

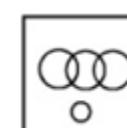
**Directions (129-132):** Identify the diagram that best represents the relationship among the given classes.

**Q129.** Olympic games, Tennis, Wrestling, Ludo

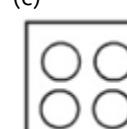
- (a)



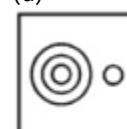
- (b)



- (c)



- (d)

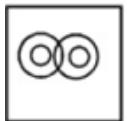


**Q130.** Europe, Italy, Delhi, Rome

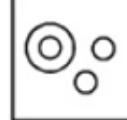
(a)



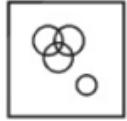
(b)



(c)

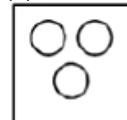


(d)

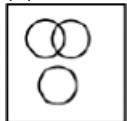


**Q131.** Sister, Mother, Brother

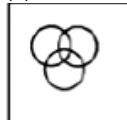
(a)



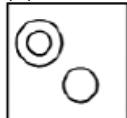
(b)



(c)

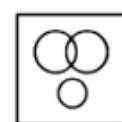


(d)

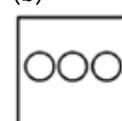


**Q132.** World, India, Delhi

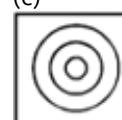
(a)



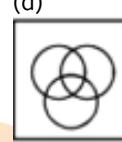
(b)



(c)



(d)



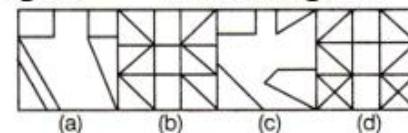
**Directions (133-137):** In each questions given below a figure is given. From the given alternatives select the one in which the given figure is embedded.

**Q133.**

**Problem Figure**



**Answer Figures**



(a) A

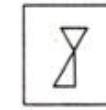
(b) B

(c) C

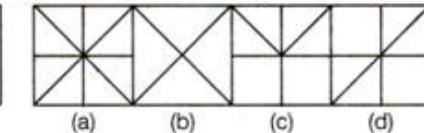
(d) D

**Q134.**

**Problem Figure**



**Answer Figures**



(a) A

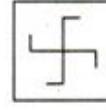
(b) B

(c) C

(d) D

**Q135.**

**Problem Figure Answer Figures**

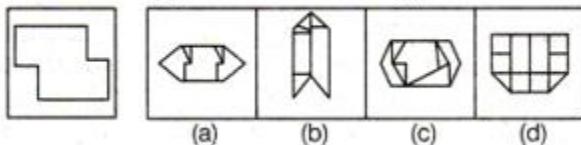


(a) A

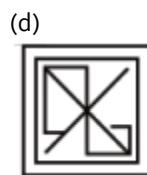
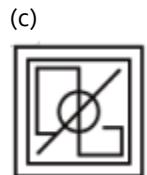
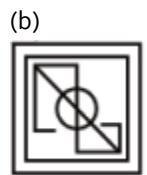
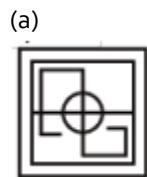
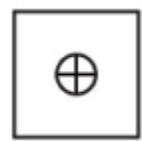
(b) B

(c) C

(d) D

**Q136.**
**Problem Figure Answer Figures**


- (a) A  
(b) B  
(c) C  
(d) D

**Q137.**


**Q138.** Find the odd numbers/letters /words from the given alternatives.

- (a) 52, 68  
(b) 63, 77  
(c) 64, 80  
(d) 50, 66

**Q139.** Find the odd numbers/letters /words from the given alternatives.

- (a) Goat  
(b) Puppy  
(c) Cow  
(d) Buffalo

**Q140.** Find the odd numbers/letters /words from the given alternatives.

- (a) Bangalore  
(b) Guwahati  
(c) Bhopal  
(d) Ranchi

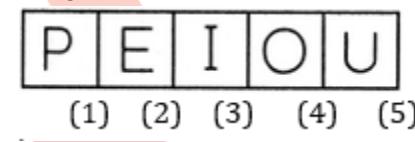
**Q141.** Find the odd numbers/letters /words from the given alternatives.

- (a) YWUS  
(b) JHFD  
(c) SQOM  
(d) DFHJ

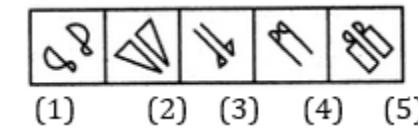
**Q142.** Find the odd numbers/letters /words from the given alternatives.

- (a) 440  
(b) 255  
(c) 120  
(d) 226

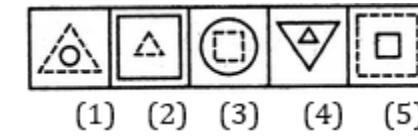
**Directions (143-146):** In each of the following questions one of the figures is different from the rest. Spot the figure.

**Q143.**


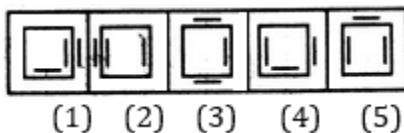
- (a) 1  
(b) 2  
(c) 4  
(d) 5

**Q144.**


- (a) 2  
(b) 4  
(c) 3  
(d) 5

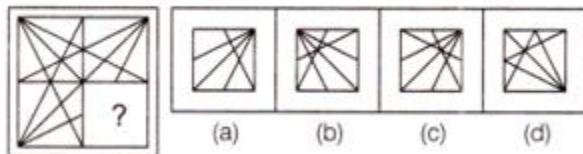
**Q145.**


- (a) 2  
(b) 5  
(c) 1  
(d) 4

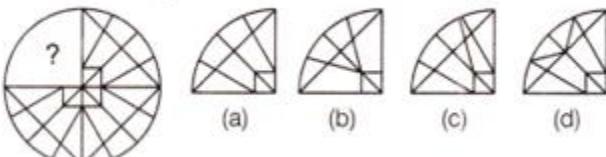
**Q146.**


- (a) 2
- (b) 5
- (c) 3
- (d) 4

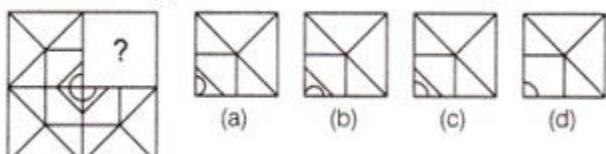
**Directions (147-151):** In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.

**Q147.**
**Problem Figures      Answer Figures**


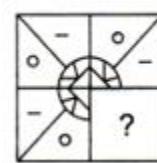
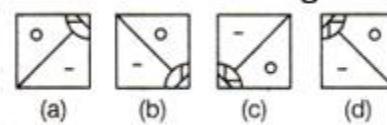
- (a) A
- (b) B
- (c) C
- (d) D

**Q148.**
**Problem Figures      Answer Figures**


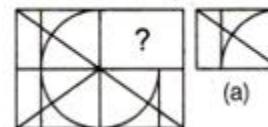
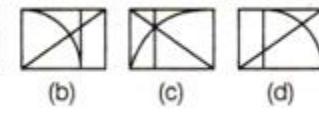
- (a) A
- (b) B
- (c) C
- (d) D

**Q149.**
**Problem Figures      Answer Figures**


- (a) A
- (b) B
- (c) C
- (d) D

**Q150.**
**Problem Figure**

**Answer Figures**


- (a) A
- (b) B
- (c) C
- (d) D

**Q151.**
**Problem Figure**

**Answer Figures**


- (a) A
- (b) B
- (c) C
- (d) D

**Directions (152-156):** Select the related letters/word/ number from the given alternatives.

**Q152.** Blind : Visual :: Deaf : ?

- (a) Sound
- (b) Auditory
- (c) Hearing
- (d) Listening

**Q153.** Genuine : Authentic : Mirage : ?

- (a) Reflection
- (b) Hideout
- (c) Illusion
- (d) Image

**Q154.** EJOT : VQLG :: BGLQ : ?

- (a) AEIM
- (b) AFKP
- (c) YTOJ
- (d) ZUPK

**Q155.** Command : Order :: Confusion : ?

- (a) discipline
- (b) Clarity
- (c) Chaos
- (d) Problem

**Q156.** 365 : 90 :: 326 : ?

- (a) 36
- (b) 45
- (c) 123
- (d) 63

**Directions (157-160):** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

**Q157.** 28, 33, 31, 36, ?, 39

- (a) 32
- (b) 34
- (c) 38
- (d) 40

**Q158.** 125, 80, 45, 20, ?

- (a) 5
- (b) 8
- (c) 10
- (d) 4

**Q159.** U, B, I, P, W, ?

- (a) D
- (b) F
- (c) Q
- (d) U

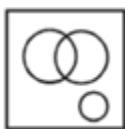
**Q160.** BMO, EOQ, HQS, \_\_ ? \_\_

- (a) KTV
- (b) KRT
- (c) KSU
- (d) JSU

**Directions (161-164):** Identify the diagram that best represents the relationship among the given classes.

**Q161.** Bird, Reptile, Snake

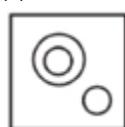
- (a)



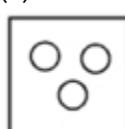
- (b)



- (c)

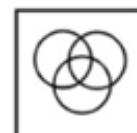


- (d)

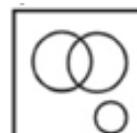


**Q162.** Vegetable, Park, Carrot

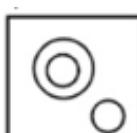
- (a)



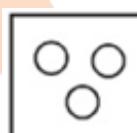
- (b)



- (c)

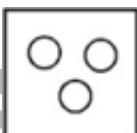


- (d)

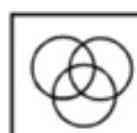


**Q163.** Girl, Singer, Politician

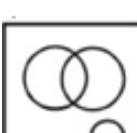
- (a)



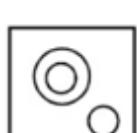
- (b)



- (c)



- (d)



**Q164.** Cigarettes, Tobacco products, Alcohol

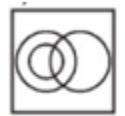
(a)



(b)



(c)



(d)



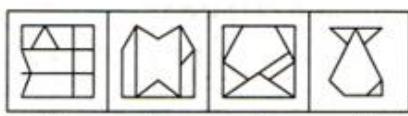
**Directions (165-169):** In each questions given below a figure is given. From the given alternatives select the one in which the given figure is embedded.

**Q165.**

Problem Figure



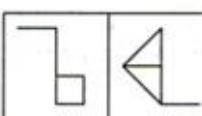
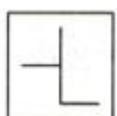
Answer Figures



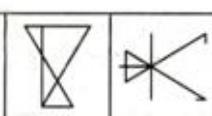
(a) a  
(b) b  
(c) c  
(d) d

**Q166.**

Problem Figure

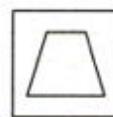


Answer Figures

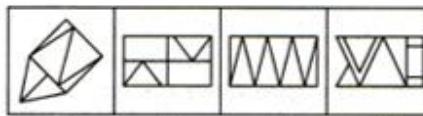


(a) a  
(b) b  
(c) c  
(d) d

**Q167.** Problem Figure



Answer Figures

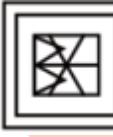


(a) a  
(b) b  
(c) c  
(d) d

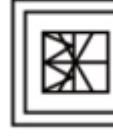
**Q168.**



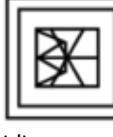
(a)



(b)



(c)



(d)



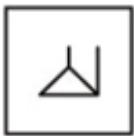
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**Q169.**


(a)



(b)



(c)



(d)



**Q170.** Find the odd numbers/letters /words from the given alternatives.

- (a) Stable
- (b) Den
- (c) Haven
- (d) Cowshed

**Q171.** Find the odd numbers/letters /words from the given alternatives.

- (a) Toronto
- (b) Colombo
- (c) Djakarta
- (d) Pyongyang

**Q172.** Find the odd numbers/letters /words from the given alternatives.

- (a) TWY
- (b) BDF
- (c) HJL
- (d) NPR

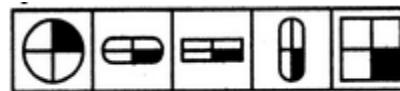
**Q173.** Find the odd numbers/letters /words from the given alternatives.

- (a) FJEK
- (b) UXTV
- (c) IMHN
- (d) PTOU

**Q174.** Find the odd numbers/letters /words from the given alternatives.

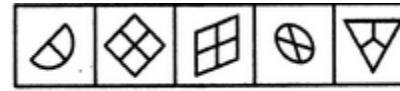
- (a) 41 – 43
- (b) 61 – 67
- (c) 71 – 73
- (d) 83 – 97

**Directions (175-177):** In each of the following questions one of the figures is different from the rest. Spot the figure.

**Q175.**


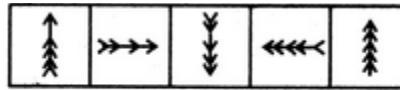
(1) (2) (3) (4) (5)

- (a) 1
- (b) 2
- (c) 4
- (d) 5

**Q176.**


(1) (2) (3) (4) (5)

- (a) 1
- (b) 2
- (c) 5
- (d) 4

**Q177.**


(1) (2) (3) (4) (5)

- (a) 1
- (b) 2
- (c) 4
- (d) 5

**Directions (178-181):** A series is given, with one terms missing. Choose the correct alternative from the given ones that will complete the series.

**Q178.** 248 : 3 :: 328 : ?

- (a) 7
- (b) 5
- (c) 4
- (d) 6

**Q179.** 212 : 436 :: 560 : ?

- (a) 786
- (b) 682
- (c) 784
- (d) 688

**Q180.** VXZ : JLN :: GIK : ?

- (a) QSO
- (b) QRS
- (c) OQS
- (d) LMO

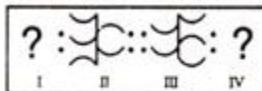
**Q181.** Crop : farm :: ore : ?

- (a) Iron
- (b) Volcano
- (c) Mine
- (d) Factory

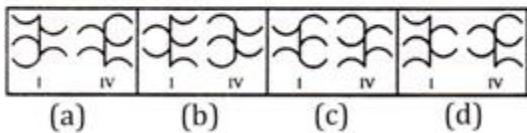
**Directions (182-184):** In each of the following questions, there are four figures marked I, II, III and IV which constitute the problem set and four figures marked A, B, C and D , each further consisting of the two figures marked I and IV which constitute the answer set. Select a figure from the answer set, the contents of which may best substitute the question marks in problem set such that fig. III is related to fig. IV in the same way as fig. I is related to fig. II

**Q182.**

PROBLEM FIGURES



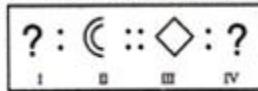
ANSWER FIGURES



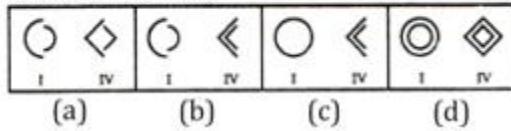
- (a) a
- (b) b
- (c) c
- (d) d

**Q183.**

PROBLEM FIGURES



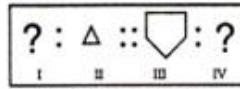
ANSWER FIGURES



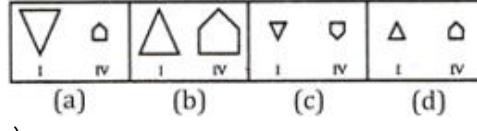
- (a) a
- (b) b
- (c) c
- (d) d

**Q184.**

PROBLEM FIGURES



ANSWER FIGURES

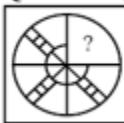


- (a) a
- (b) b
- (c) c
- (d) d

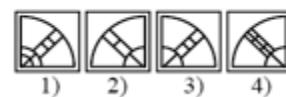
**Directions (185-189):** In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.

**Q185.**

Question figure



Answer figures



- (a) 1
- (b) 2
- (c) 3
- (d) 4

**Q186.**



(a)



(b)

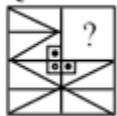


(c)

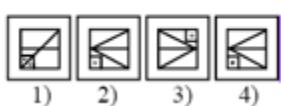
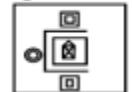


(d)

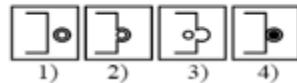
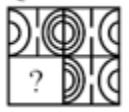


**Q187.**
**Question figure**


- (a) 1  
(b) 2  
(c) 5  
(d) 4

**Answer figures**

**Q188.**
**Question figure**


- (a) 1  
(b) 2  
(c) 5  
(d) 4

**Answer figures**

**Q189.**
**Question figure**


- (a) 1  
(b) 2  
(c) 5  
(d) 4

**Answer figures**


**Directions (190-192):** In the following question, select the missing number from the given series.

**Q190.** 1, 4, 13, 40, 121, ?

- (a) 284  
(b) 286  
(c) 364  
(d) 396

**Q191.** 84, 42, 44, 22, 24, 12, ?

- (a) 20  
(b) 14  
(c) 24  
(d) 28

**Q192.** A, D, G, J, ?

- (a) N  
(b) O  
(c) M  
(d) L

**Directions (193-196):** Identify the diagram that best represents the relationship among the given classes.

**Q193.** Sweet, Sugar, Salt, Jaggery

- (a)



- (b)



- (c)



- (d)


**Q194.** Country, State, City

- (a)



- (b)



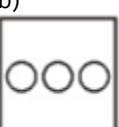
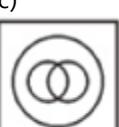
- (c)



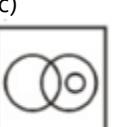
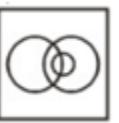
- (d)

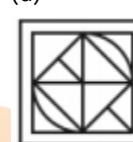
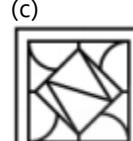
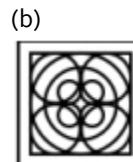
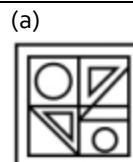


**Q195.** Food Supplement, Bournvita, Horlicks

- (a) 
- (b) 
- (c) 
- (d) 

**Q196.** Politician, Minister, Human

- (a) 
- (b) 
- (c) 
- (d) 

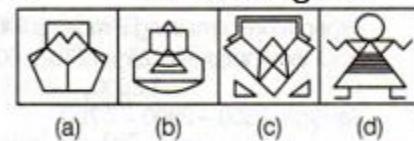


**Q198.**

**Question Figure**



**Answer Figures**



(a)

(b)

(c)

(d)

(a) A

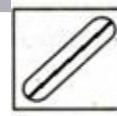
(b) B

(c) C

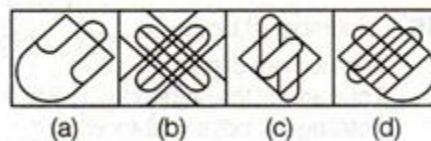
(d) D

**Q199.**

**Question Figure**



**Answer Figures**



(a)

(b)

(c)

(d)

(a) A

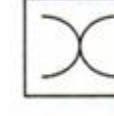
(b) B

(c) C

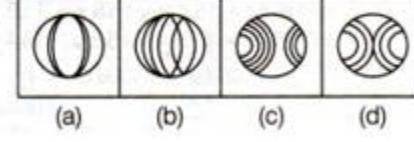
(d) D

**Q200.**

**Question Figure**



**Answer Figures**



(a)

(b)

(c)

(d)

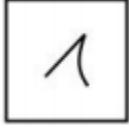
(a) A

(b) B

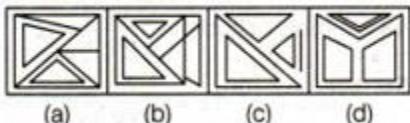
(c) C

(d) D

**Q197.**



**Q201.**
**Question Figure**

**Answer Figures**


- (a) A  
(b) B  
(c) C  
(d) D

**Q202.** Find the odd numbers/letters /words from the given alternatives.

- (a) Body  
(b) Nose  
(c) Eyes  
(d) Lips

**Q203.** Find the odd numbers/letters /words from the given alternatives.

- (a) BYCX  
(b) DWEV  
(c) GUHS  
(d) IRJQ

**Q204.** Find the odd numbers/letters /words from the given alternatives.

- (a) 13  
(b) 17  
(c) 19  
(d) 21

**Q205.** Find the odd numbers/letters /words from the given alternatives.

- (a) 25673  
(b) 34664  
(c) 42763  
(d) 25556

**Q206.** Find the odd numbers/letters /words from the given alternatives.

- (a) 636  
(b) 253  
(c) 396  
(d) 473

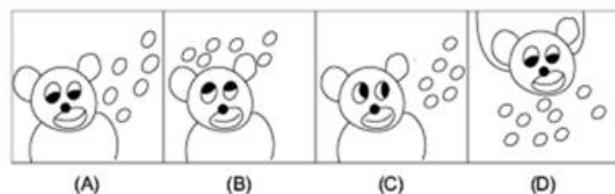
**Directions (207-210):** In each of the following questions one of the figures is different from the rest. Spot the figure.

**Q207.**

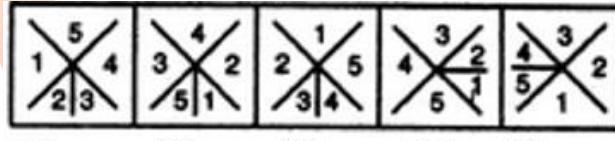

- (a) 1  
(b) 2  
(c) 4  
(d) 5

**Q208.**


- (a) 1  
(b) 2  
(c) 5  
(d) 4

**Q209.**


- (a) A  
(b) B  
(c) C  
(d) D

**Q210.**


- (1) (2) (3) (4) (5)  
(a) 1  
(b) 2  
(c) 4  
(d) 5

**Directions (211-214):** Select the related word/letters/number from the given alternatives.

**Q211.** Jammu and Kashmir : North :: Tamil Nadu : ?

- (a) South  
(b) East  
(c) West  
(d) North-east

**Q212.** ST : LC :: PQ : ?

- (a) IY  
(b) IZ  
(c) JZ  
(d) JY

**Q213.** TC : NF :: QM : ?

- (a) JY  
(b) IY  
(c) HY  
(d) KP

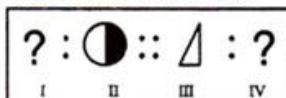
**Q214.** 9 : 82 :: 11 : ?

- (a) 121  
(b) 122  
(c) 120  
(d) 125

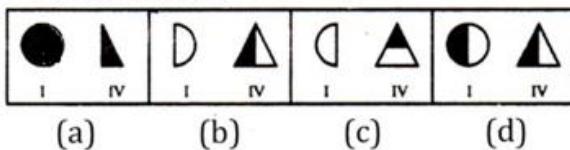
**Directions (215-216):** In each of the following questions, there are four figures marked I, II, III and IV which constitute the problem set and four figures marked A, B, C and D, each further consisting of the two figures marked I and IV which constitute the answer set. Select a figure from the answer set, the contents of which may best substitute the question marks in problem set such that fig. III is related to fig. IV in the same way as fig. I is related to fig. II

**Q215.**

**PROBLEM FIGURES**



**ANSWER FIGURES**



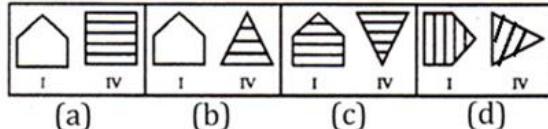
- (a) A
- (b) B
- (c) C
- (d) D

**Q216.**

**PROBLEM FIGURES**



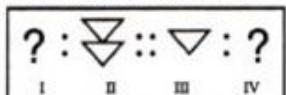
**ANSWER FIGURES**



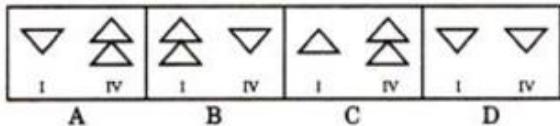
- (a) A
- (b) B
- (c) C
- (d) D

**Q217.**

**PROBLEM FIGURES**



**ANSWER FIGURES**



- (a) A
- (b) B
- (c) C
- (d) D

**Directions (218-221):** In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.

**Q218.**



(a)



(b)



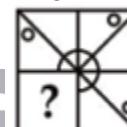
(c)



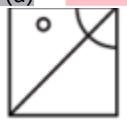
(d)



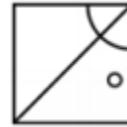
**Q219.**



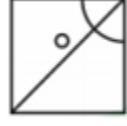
(a)



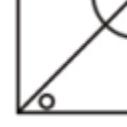
(b)

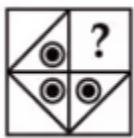


(c)



(d)



**Q220.**


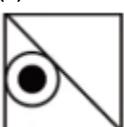
(a)



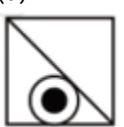
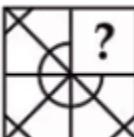
(b)



(c)



(d)


**Q221.**


(a)



(b)



(c)



(d)



**Directions (222-224):** In the following question, select the missing number from the given series.

**Q222.** DJO, EKP, FLQ, GMR, ?

- (a) HOS
- (b) HNS
- (c) INS
- (d) DEF

**Q223.** DEF, ?, OPQ, VWX

- (a) HIJ
- (b) GHI
- (c) IJK
- (d) IPV

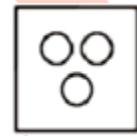
**Q224.** 4, 18, 48, ?, 180

- (a) 80
- (b) 100
- (c) 105
- (d) 125

**Directions (225-228):** Identify the diagram that best represents the relationship among the given classes.

**Q225.** Metal, Oxygen, Copper

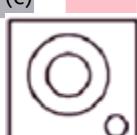
- (a)



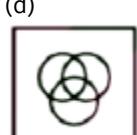
- (b)



- (c)



- (d)

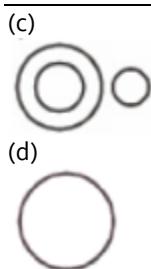

**Q226.** Singer, Dancer, Poet

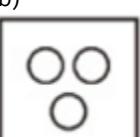
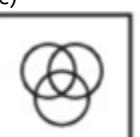
- (a)



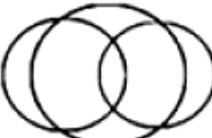
- (b)



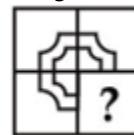

**Q227.** Mathematics, Arithmetic, Algebra

- (a)
- 
- (b)
- 
- (c)
- 
- (d)
- 

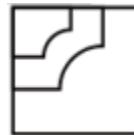
**Q228.** Electrons, Nucleus, Neutrons

- (a)
- 
- (b)
- 
- (c)
- 
- (d)
- 

**Directions (229-233):** Which answer figure will complete the pattern in the question figure?

**Q229.**


(a)



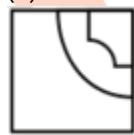
(b)



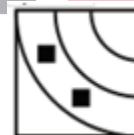
(c)



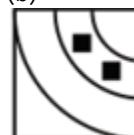
(d)


**Q230.**


(a)



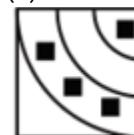
(b)



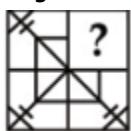
(c)



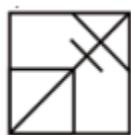
(d)



Q231.



(a)



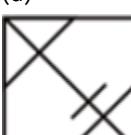
(b)



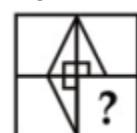
(c)



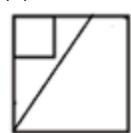
(d)



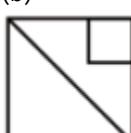
Q232.



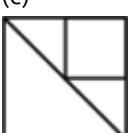
(a)



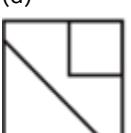
(b)



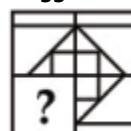
(c)



(d)



Q233.



(a)



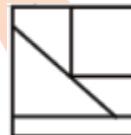
(b)



(c)



(d)



**Directions (234-237): Select the related letters/word/number/figure from the given alternatives.**

**Q234.** Safe : Secure : Protect : ?

- (a) guard
- (b) lock
- (c) sure
- (d) conserve

**Q235.** Physician : Treatment : Judge : ?

- (a) Punishment
- (b) Judgement
- (c) Lawyer
- (d) Court



**Q236.** MASTER : OCUVGT :: LABOUR : ?

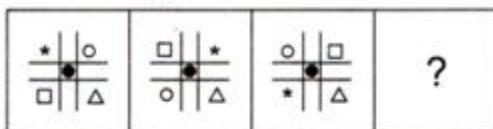
- (a) NCDQWT
- (b) NCCOWT
- (c) NCQDWT
- (d) NCDWQT

**Q237.** ABCD : WXYZ : JKLM : ?

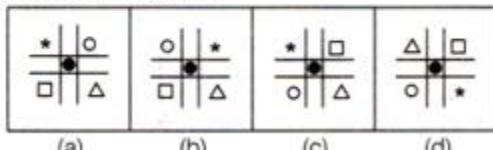
- (a) NOPQ
- (b) SUTV
- (c) VUTS
- (d) SUWY

**Q238.** Each of the following questions consists of problem figures followed by answer figures. Select a figure from amongst the answer figures which will continue the same series or pattern as established by the problem figures.

**Problem Figure**



**Answer Figures**



- (a) a
- (b) b
- (c) c
- (d) d

**Q239.**

**Problem Figure**



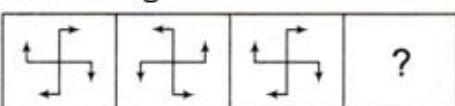
**Answer Figures**



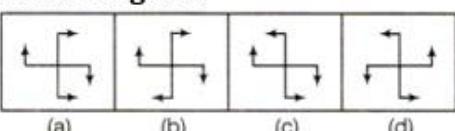
- (a) a
- (b) b
- (c) c
- (d) d

**Q240.**

**Problem Figure**



**Answer Figures**



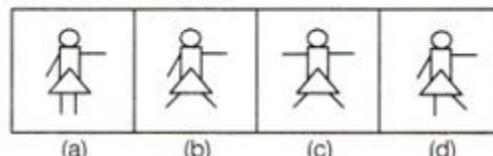
- (a) a
- (b) b
- (c) c
- (d) d

**Q241.**

**Problem Figure**



**Answer Figures**



- (a) a
- (b) b
- (c) c
- (d) d

**Q242.** Roonie walks a distance of 3 kms towards North, then turns to his left and walks for 2 kms. He again turns left and walks for 3 kms. At this point he turns to his left and walks for 3 kms. How many kms is he from the starting point?

- (a) 5 Kms
- (b) 3 Kms
- (c) 2 Kms
- (d) 1 Km

**Directions (243-244):** In each of the following questions a group of capital letters is given and its code equivalent is given as one of the answer choices. Select the correct code in each of the following questions.

A	N	G	E	R	T	I	M	U	P
5	1	0	9	6	2	7	3	8	4

**Q243. NITER**

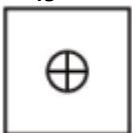
- (a) 71936
- (b) 72196
- (c) 17926
- (d) 17296

**Q244. REGIN**

- (a) 69071
- (b) 90617
- (c) 69078
- (d) 61243

**Directions (245-248):** In each questions given below a figure is given. From the given alternatives select the one in which the given figure is embedded.

**Q245.**



(a)



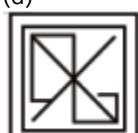
(b)



(c)



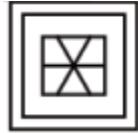
(d)



**Q246.**



(a)



(b)



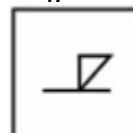
(c)



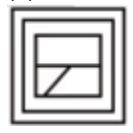
(d)



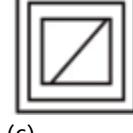
**Q247.**



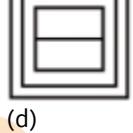
(a)



(b)



(c)



(d)

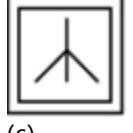
**Q248.**



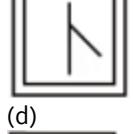
(a)



(b)



(c)



(d)

**Q249.** Find the odd word/letter/ numbers from the given responses.

- (a) Analysis
- (b) Search
- (c) conclusion
- (d) Investigation

**Q250.** Find the odd word/letter/ numbers from the given responses.

- (a) Reward : Punishment
- (b) Object : Permit
- (c) Sharp : Blunt
- (d) Cold : Cool

**Q251.** Find the odd word/letter/ numbers from the given responses.

- (a) DCFG
- (b) FEHI
- (c) HGIK
- (d) JILM

**Q252.** Find the odd word/letter/ numbers from the given responses.

- (a) ZVRN
- (b) UQMJ
- (c) SOKG
- (d) TPLH

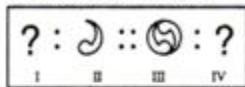
**Q253.** Find the odd word/letter/ numbers from the given responses.

- (a) 216
- (b) 343
- (c) 125
- (d) 144

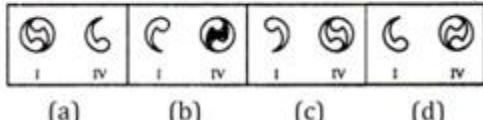
**Directions (254-260):** In each of the following questions, there are four figures marked I, II, III and IV which constitute the problem set and four figures marked A, B, C and D, each further consisting of the two figures marked I and IV which constitute the answer set. Select a figure from the answer set, the contents of which may best substitute the question marks in problem set such that fig. III is related to fig. IV in the same way as fig. I is related to fig. II

**Q254.**

**PROBLEM FIGURES**



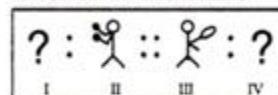
**ANSWER FIGURES**



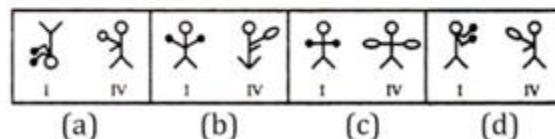
- (a) a
- (b) b
- (c) c
- (d) d

**Q255.**

**PROBLEM FIGURES**



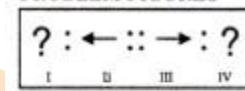
**ANSWER FIGURES**



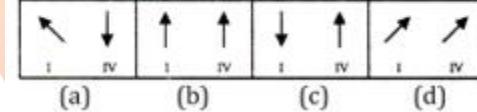
- (a) a
- (b) b
- (c) c
- (d) d

**Q256.**

**PROBLEM FIGURES**



**ANSWER FIGURES**

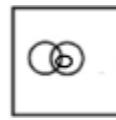


- (a) a
- (b) b
- (c) c
- (d) d

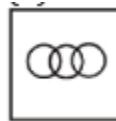
**Directions (257-260):** Identify the diagram that best represents the relationship among the given classes.

**Q257.** Husband, Wife, Son

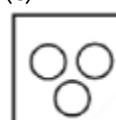
- (a)



- (b)



- (c)



- (d)



**Q258.** Prime Minister, Chief Minister, Governor, State

(a)



(b)



(c)



(d)



**Q259.** Mouse, Input Device, Output Device, Computer, keyboard

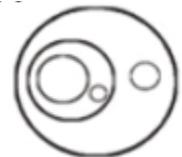
(a)



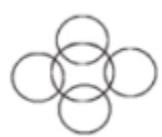
(b)



(c)



(d)



**Q260.** Kitchen, Utensils, Cup

(a)



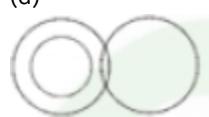
(b)



(c)



(d)



**Directions (261-264):** Select the related word/letters/number from the given alternatives.

**Q261.** Iraq : Dinar :: Korea: ?

(a) Pound

(b) Yen

(c) Dollar

(d) Won

**Q262.** AOE : ? :: GMA : IUO

(a) MXI

(b) MWS

(c) MWI

(d) MXJ

**Q263.** deF : lhg :: wxY : ?

(a) bAZ

(b) Baz

(c) BaZ

(d) baz

**Q264.** 81 : 121 :: 49 : ?

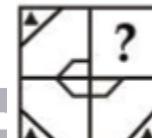
(a) 81

(b) 62

(c) 52

(d) 100

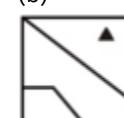
**Q265.** Which answer figure will complete the pattern in the question figure?



(a)



(b)



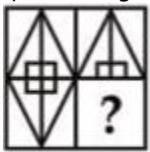
(c)



(d)



**Q266.** Which answer figure will complete the pattern in the question figure?



(a)



(b)



(c)



(d)



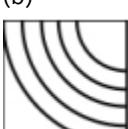
**Q267.** Which answer figure will complete the pattern in the question figure?



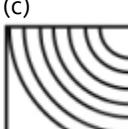
(a)



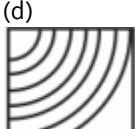
(b)



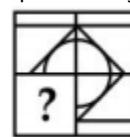
(c)



(d)



**Q268.** Which answer figure will complete the pattern in the question figure?



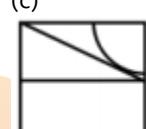
(a)



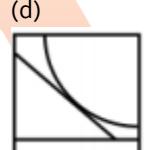
(b)



(c)



(d)



**Q269.** Find the odd word/letter/ numbers from the given responses.

- (a) Aizawl
- (b) Agartala
- (c) Shillong
- (d) Darjeeling

**Q270.** Find the odd word/letter/ numbers from the given responses.

- (a) VT
- (b) FD
- (c) PN
- (d) JM

**Q271.** Find the odd word/letter/ numbers from the given responses.

- (a) 13981
- (b) 93172
- (c) 47542
- (d) 67325

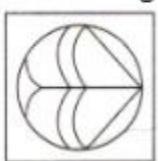
**Q272.** Find the odd word/letter/ numbers from the given responses.

- (a) 5712
- (b) 6212
- (c) 3824
- (d) 7856

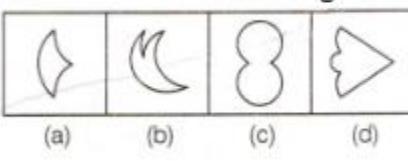
**Directions (273-276):** In each questions given below a figure is given. From the given alternatives select the one in which the given figure is embedded.

**Q273.**

Problem Figure



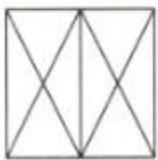
Answer Figures



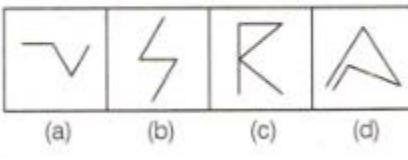
- (a) a
- (b) b
- (c) c
- (d) d

**Q274.**

Problem Figure



Answer Figures

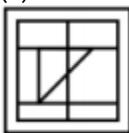


- (a) a
- (b) b
- (c) c
- (d) d

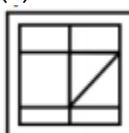
**Q275.**



(a)



(b)



(c)



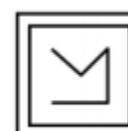
(d)



**Q276.**



(a)



(b)



(c)



(d)



**Directions (277-279):** In each of the following questions, there are four figures marked I, II, III and IV which constitute the problem set and four figures marked A, B, C and D , each further consisting of the two figures marked I and IV which constitute the answer set. Select a figure from the answer set, the contents of which may best substitute the question marks in problem set such that fig. III is related to fig. IV in the same way as fig. I is related to fig. II

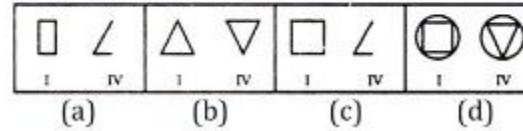
**Q277.**

PROBLEM FIGURES

$$? : \square :: \triangle : ?$$

I      II      III      IV

ANSWER FIGURES



(a)

(b)

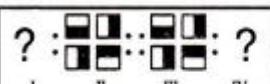
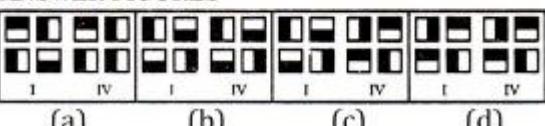
(c)

(d)

**Q278.**
**PROBLEM FIGURES**

**ANSWER FIGURES**


- (a) (b) (c) (d)

**(a) a**
**(b) b**
**(c) c**
**(d) d**
**Q279.**
**PROBLEM FIGURES**

**ANSWER FIGURES**


- (a) (b) (c) (d)

**(a) a**
**(b) b**
**(c) c**
**(d) d**

**Directions (280-282): In the following question, select the missing number from the given series.**

**Q280.** 3, 10, 24, 52, 108, ?

- (a) 180  
(b) 190  
(c) 210  
(d) 220

**Q281.** 1, 4, 15, 64, ?

- (a) 285  
(b) 315  
(c) 325  
(d) 375

**Q282.** R, M, I, F, D, ?

- (a) B  
(b) C  
(c) A  
(d) E

**Q283.** In a certain code language, "HIM-ACE" is written as "21".

How is "SIP-TAG" written in that code language?

- (a) 12  
(b) 16  
(c) 14  
(d) 19

**Q284.** In the following question, correct the equation by interchanging two numbers.

$$5 + 3 \div 6 \times 9 - 2 = 21$$

- (a) 5 and 9  
(b) 3 and 6  
(c) 6 and 9  
(d) 5 and 3

**Q285.** In the following question, select the missing number from the given series.

?	198	120
9	11	12
4	18	10

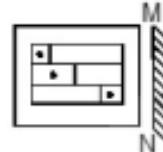
(a) 32

(b) 30

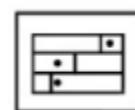
(c) 28

(d) 36

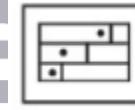
**Q286.** If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?



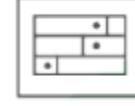
(a)



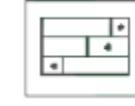
(b)



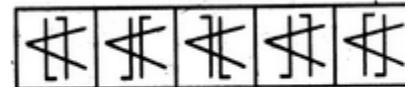
(c)



(d)



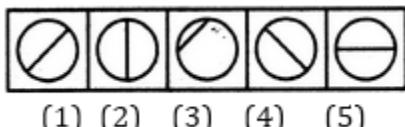
**Q287.** In the given problems, choose that one figure which is not like the others.



- (1) (2) (3) (4) (5)

- (a) 1  
(b) 2  
(c) 5  
(d) 4

**Q288.** In the given problems, choose that one figure which is not like the others.



- (1) (2) (3) (4) (5)

- (a) 1  
(b) 2  
(c) 3  
(d) 4

**Directions (289-292):** Identify the diagram that best represents the relationship among the given classes.

**Q289.** Environment, Nitrogen, Oxygen, Weather

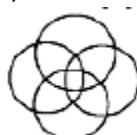
- (a)



- (b)



- (c)



- (d)

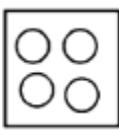


**Q290.** French, German, Spanish, Languages

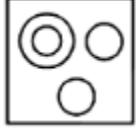
- (a)



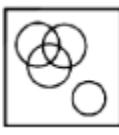
- (b)



- (c)

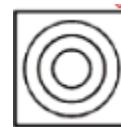


- (d)

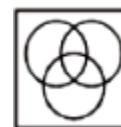


**Q291.** Sweets, Ladoo, Jalebi

- (a)



- (b)



- (c)



- (d)



**Q292.** Brass, Bronze, Alloy

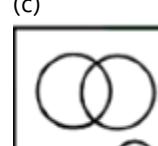
- (a)



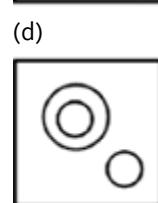
- (b)



- (c)



- (d)



**Q293.** Find the odd word/letters/number/ figures the given response

- (a) Intimacy  
(b) Attachment,  
(c) Friendship  
(d) Enmity

**Q294.** Find the odd word/letters/number/ figures the given response

- (a) MNXY
- (b) ABPQ
- (c) RSTV
- (d) EFMN

**Q295.** Find the odd word/letters/number/ figures the given response

- (a) 1023-1046
- (b) 1169-1192
- (c) 1494-1517
- (d) 1899-1921

**Q296.** Find the odd word/letters/number/ figures the given response

- (a) BFCGD
- (b) LPMQN
- (c) NROSP
- (d) YCDZA

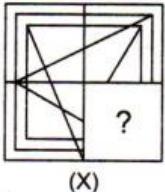
**Q297.** Find the odd word/letters/number/ figures the given response

- (a) Parrot
- (b) Bat
- (c) Crow
- (d) Sparrow

**Directions (298-301):** Find out the given option (A), (b), (C) and (d) the right figure to fit in the missing figure.

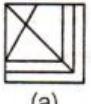
**Q298.**

Question Figure

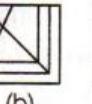


(X)

Answer Figures



(a)



(b)



(c)



(d)

- (a) a

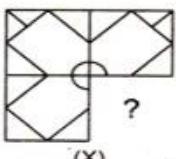
- (b) b

- (c) c

- (d) d

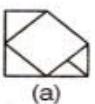
**Q299.**

Question Figure

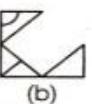


(X)

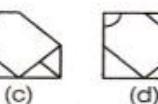
Answer Figures



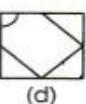
(a)



(b)



(c)



(d)

- (a) a

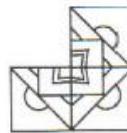
- (b) b

- (c) c

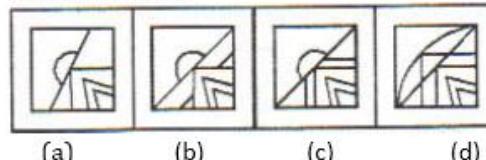
- (d) d

**Q300.**

Question Figures:



Answer Figures:



(a)

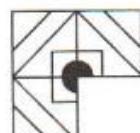
(b)

(c)

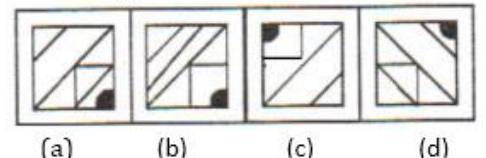
(d)

**Q301.**

Question Figures:



Answer Figures:



(a)

(b)

(c)

(d)

- (a) a

- (b) b

- (c) c

- (d) d

**Directions (302-306):** Select the related letter/word/ number/ figure from the given alternatives.

**Q302.** Editor : Magazine : ? : ?

- (a) Novel : Writer

- (b) Poem : Poet

- (c) Chair : Carpenter

- (d) Director : Film

**Q303.** MAT : NCW :: APE : ?

- (a) CRH

- (b) BRH

- (c) BSG

- (d) BSH

**Q304.** ADBC : WZXY :: EHFG : ?

- (a) SVTU

- (b) STUV

- (c) TUSV

- (d) STUV

**Q305.**  $136 : 469 :: 247 : ?$

- (a) 137
- (b) 358
- (c) 368
- (d) 146

**Q306.**  $365 : 90 :: 623 : ?$

- (a) 36
- (b) 45
- (c) 123
- (d) 63

**Q307.** In a certain code RESULT is coded as SULTRE. Then, IGHTRB when decoded will be

- (a) BIRTH
- (b) GIRTH
- (c) RIGHT
- (d) BRIGHT

**Directions (308-309):** Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

**Q308.**

I\_ik\_jikl\_iklji\_

- (a) kjjl
- (b) llkk
- (c) jjkl
- (d) jijk

**Q309.**

xyyyzy\_yyyzy\_yyy\_

- (a) yxxz
- (b) yyxz
- (c) yxyz
- (d) yzyy

**Q310.** Suman walks 2 km eastward then he turns right and walks 3kms, again he turns right and walks 2 kms then he turns left and walks. In which direction he is walking now?

- (a) East
- (b) West
- (c) North
- (d) South

BILINGUAL

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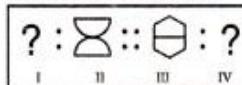
AFCAT | CDS | CAPF | Others

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**Q311.** In each of the following questions, there are four figures marked I, II, III and IV which constitute the problem set and four figures marked A, B, C and D , each further consisting of the two figures marked I and IV which constitute the answer set. Select a figure from the answer set, the contents of which may best substitute the question marks in problem set such that fig. III is related to fig. IV in the same way as fig. I is related to fig. II

**PROBLEM FIGURES**



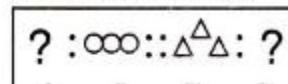
**ANSWER FIGURES**



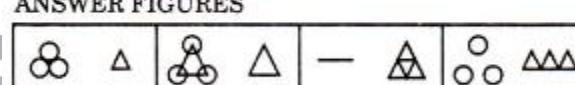
- (a) a
- (b) b
- (c) c
- (d) d

**Q312.** In each of the following questions, there are four figures marked I, II, III and IV which constitute the problem set and four figures marked A, B, C and D , each further consisting of the two figures marked I and IV which constitute the answer set. Select a figure from the answer set, the contents of which may best substitute the question marks in problem set such that fig. III is related to fig. IV in the same way as fig. I is related to fig. II

**PROBLEM FIGURES**



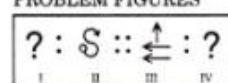
**ANSWER FIGURES**



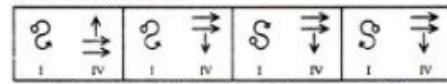
- (a) a
- (b) b
- (c) c
- (d) d

**Q313.** In each of the following questions, there are four figures marked I, II, III and IV which constitute the problem set and four figures marked A, B, C and D , each further consisting of the two figures marked I and IV which constitute the answer set. Select a figure from the answer set, the contents of which may best substitute the question marks in problem set such that fig. III is related to fig. IV in the same way as fig. I is related to fig. II

**PROBLEM FIGURES**



**ANSWER FIGURES**



- (a) a
- (b) b
- (c) c
- (d) d

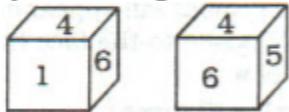
- (a) a
- (b) b
- (c) c
- (d) d

**Q314.** From the given alternative words select the one which cannot be formed using the letters of the given word

**MIRACULOUS**

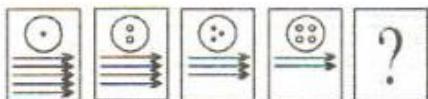
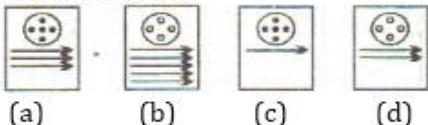
- (a) MOLAR
- (b) LOCUS
- (c) SOLACE
- (d) SCAR

**Q315.** Two positions of a dice are shown below. When number '1' is on the top, what number will be at the bottom?

**Question Figures**


- (a) 6
- (b) 5
- (c) 4
- (d) 2

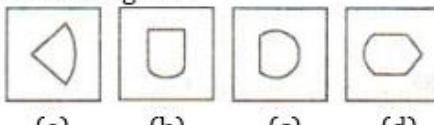
**Q316.** Find the missing figure from the given responses.

**Question Figures:**

**Answer Figures:**


- (a) a
- (b) b
- (c) c
- (d) d

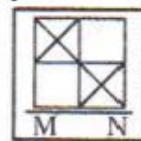
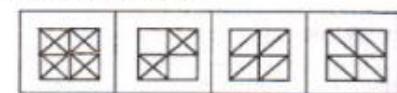
**Q317.** Find the missing figure from the given responses.

**Question Figures:**

**Answer Figures:**


- (a) a
- (b) b
- (c) c
- (d) d

**Q318.** If a mirror is placed on the line MN, then which of the answer figures is the correct image of the given question figure?

**Question Figure:**

**Answer Figures:**


- (a)
- (b)
- (c)
- (d)

- (a) a
- (b) b
- (c) c
- (d) d

**Directions (319-320):** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

**Q319.** BC, OP, DE, QR, ?

- (a) ST
- (b) FG
- (c) HI
- (d) UV

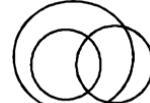
**Q320.** 250, 370, 394, 400, ?

- (a) 401
- (b) 404
- (c) 402
- (d) 406

**Directions (321-325):** Which of the following diagrams indicates the best relation between

**Q321.** Graduate, Teacher and Player?

- (a)



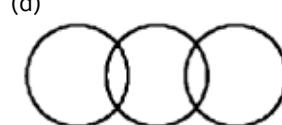
- (b)



- (c)



- (d)



**Q322.** Leaf, Seed and Root?

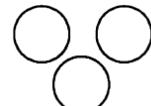
(a)



(b)



(c)

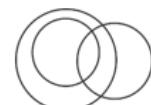


(d)

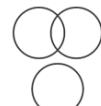


**Q323.** Copper, paper, wire?

(a)



(b)



(c)



(d)



**Q324.** Stationery, Book, Pencil?

(a)



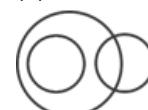
(b)



(c)



(d)

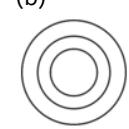


**Q325.** Earth, Moon, Natural Satellite?

(a)



(b)



(c)



(d)



**Q326.** Choose the word which is least like the other words in the group.

(a) CD Deshmukh

(b) Morarji Desai

(c) Baldev Singh

(d) Yashwant Singh

**Q327.** Choose the word which is least like the other words in the group.

(a) 126

(b) 147

(c) 189

(d) 178

**Q328.** Choose the word which is least like the other words in the group.

(a) Retina

(b) Pupil

(c) Vision

(d) Cornea

**Q329.** Choose the word which is least like the other words in the group.

(a) Denmark

(b) Asia

(c) Europe

(d) Africa

- Q330.** Choose the word which is least like the other words in the group.
- Cerebellum
  - Cerebrum
  - Medulla Oblongata
  - Pons

**Directions (331-333):** In the following questions. Select the related word/number from the given alternatives.

- Q331.** President : Country :: ? : State

- Prime Minister
- Chief Minister
- Council of Ministers
- Governor

- Q332.** Hope: Despair :: ?:?

- Work: Failure
- Worship: Adore
- Cow: Milk
- Encourage: Dishearten

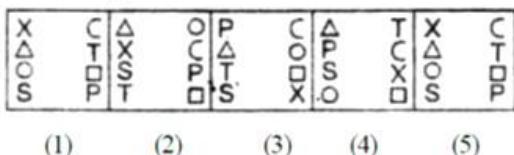
- Q333.** Saint : Meditation :: Scientist : ?

- Spiritual
- Research
- Knowledge
- Wisdom

**Directions (334-335):** Each of the following questions consists of five figures marked 1, 2, 3, 4 and 5 called the Problem Figures followed by four other figures marked (A), (B), (C) and (D) called the Answer Figures. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures:

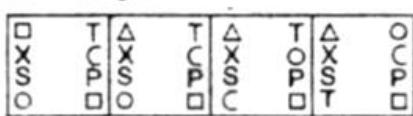
- Q334.**

Problem Figures:



(1) (2) (3) (4) (5)

Answer Figures:

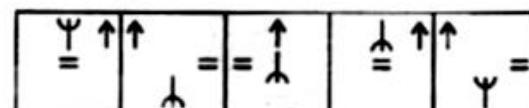


(a) (b) (c) (d)

- a
- b
- c
- d

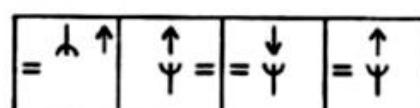
- Q335.**

Problem Figures:



(1) (2) (3) (4) (5)

Answer Figures:



(a) (b) (c) (d)

- a

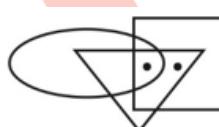
- b

- c

- d

**Directions (336-338):** Select the figure which satisfies the same condition of placement of dots as in the given figures (x).

- Q336.**

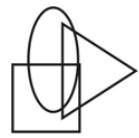


(x)

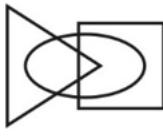
- (a)



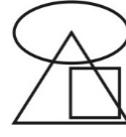
- (b)



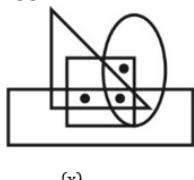
- (c)



- (d)

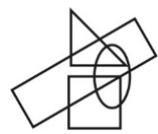


Q337.

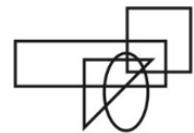


(x)

(a)



(b)



(c)



(d)

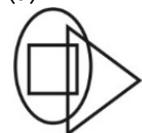


Q338.

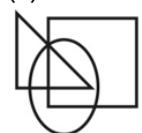


(x)

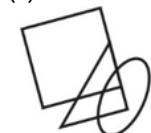
(a)



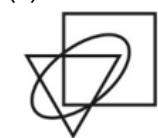
(b)



(c)

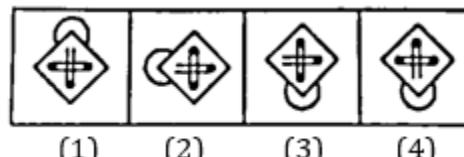


(d)



Directions (339-341): From the given figures (1), (2), (3), (4), find the odd figure.

Q339.



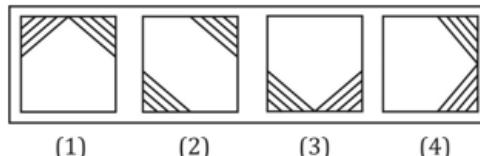
(a) 1

(b) 2

(c) 3

(d) 4

Q340.



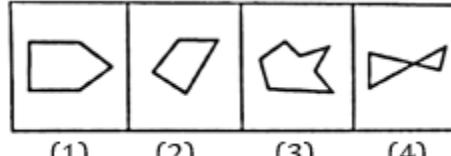
(a) 1

(b) 2

(c) 3

(d) 4

Q341.



(a) 1

(b) 2

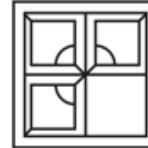
(c) 3

(d) 4

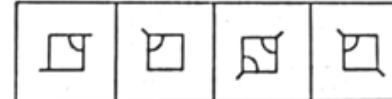
Directions (342-343): Which answer figure will complete the pattern in the question figure?

Q342.

Question Figure:



Answer Figure:



(1)

(2)

(3)

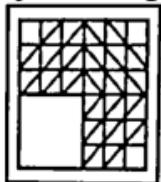
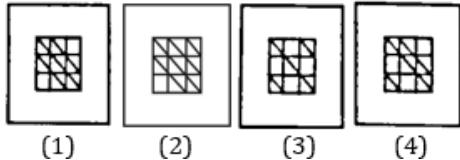
(4)

(a) 1

(b) 2

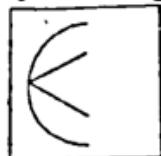
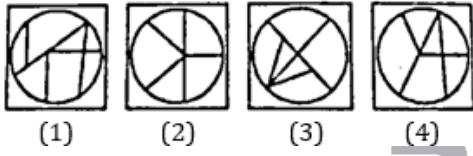
(c) 3

(d) 4

**Q343.**
**Question Figure:**

**Answer Figure:**


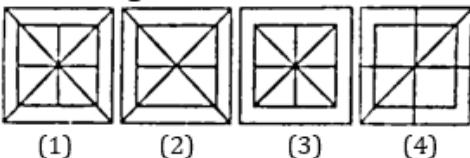
- (a) 1  
(b) 2  
(c) 3  
(d) 4

**Directions (344-345):** From the given answer figures, select the one in which the question figure is hidden/embedded.

**Q344.**
**Question Figure:**

**Answer Figure:**


- (a) 1  
(b) 2  
(c) 3  
(d) 4

**Q345.**
**Question Figure:**

**Answer Figure:**


- (a) 1  
(b) 2  
(c) 3  
(d) 4

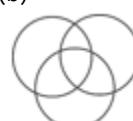
**Directions (346-350):** Which among the following represents the best relationship between.

**Q346. Water, Salt, Sugar**

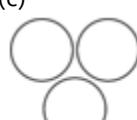
- (a)



- (b)



- (c)



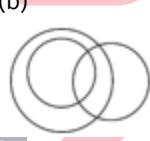
- (d)


**Q347. Educated People, Unemployed, Professors**

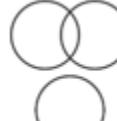
- (a)



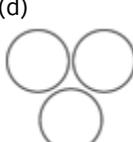
- (b)



- (c)



- (d)


**Q348. Wood, Iron, Metal**

- (a)



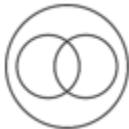
- (b)



(c)



(d)


**Q349.** Sparrows, Dogs, Birds

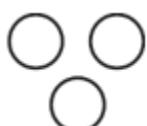
(a)



(b)



(c)



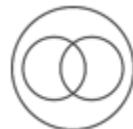
(d)


**Q350.** Speakers, Male, Blind People

(a)



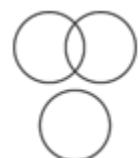
(b)



(c)



(d)



**Q351.** Choose the word which is least like the other words in the group.

- (a) 123
- (b) 235
- (c) 368
- (d) 415

**Q352.** Choose the word which is least like the other words in the group.

- (a) Sahara Desert
- (b) Karakum Desert
- (c) Australian Desert
- (d) Arabian Desert

**Q353.** Choose the word which is least like the other words in the group.

- (a) Dollar
- (b) Peso
- (c) Ounce
- (d) Rupees

**Q354.** Choose the word which is least like the other words in the group.

- (a) Pencil-Lead
- (b) Bulb-Filament
- (c) Fruit-Seed
- (d) Leaf-Flower

**Q355.** Choose the word which is least like the other words in the group.

- (a) Maize
- (b) Pulses
- (c) Cotton
- (d) Jute

**Directions (356-360):** In the following questions. Select the related word/number from the given alternatives.

**Q356.** Tuberculosis : Lungs :: Typhoid : ?

- (a) Respiratory system
- (b) Nervous system
- (c) Lungs
- (d) Intestine

**Q357.** Smoke : Pollution :: War : ?

- (a) Destruction
- (b) Peace
- (c) Truce
- (d) Defeat

**Q358.** Create : Destroy :: Condense : ?

- (a) Initial
- (b) Retreat
- (c) Gradual
- (d) Expand

**Q359.** EFG : FHJ :: LMN : ?

- (a) MQO
- (b) MOQ
- (c) MNQ
- (d) QMO

**Q360.** AIIMS : New Delhi :: Archeological Survey of India : ?

- (a) Bengaluru
- (b) Pune
- (c) Mumbai
- (d) Kolkata

**Directions (361-364):** Select the figure which satisfies the same condition of placement of dots as in the given figures (x).

**Q361.**

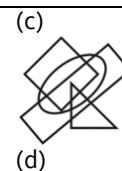


- (x)
- (a)
- (b)
- (c)
- (d)

**Q362.**



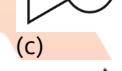
- (x)
- (a)
- (b)
- (c)



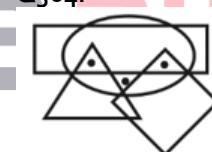
**Q363.**



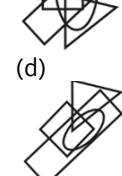
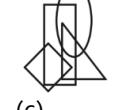
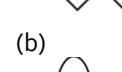
- (x)
- (a)
- (b)



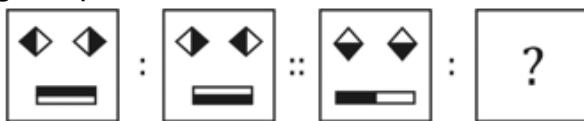
**Q364.**



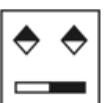
- (x)
- (a)
- (b)



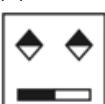
**Q365.** Find what will come in place of question mark from the given options.



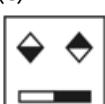
(a)



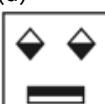
(b)



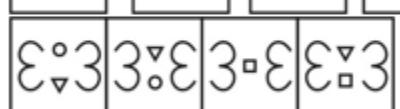
(c)



(d)



**Q366.** Find what will come in place of question mark from the given options.



(1) (2) (3) (4)

(a) 1

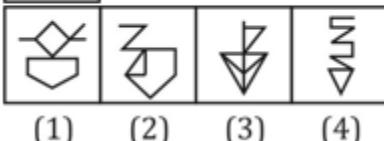
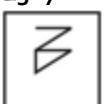
(b) 2

(c) 3

(d) 4

**Directions (367-368):** In each of the question figure, test figures is hidden in the option figure. find the correct option.

**Q367.**



(1)

(2)

(3)

(4)

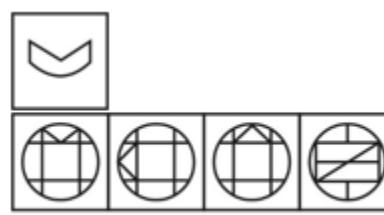
(a) 1

(b) 2

(c) 3

(d) 4

**Q368.**



(1)

(2)

(3)

(4)

(a) 1

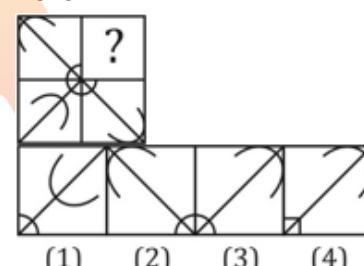
(b) 2

(c) 3

(d) 4

**Directions (369-370):** In each of the following questions, a part of the figure is missing. Find out from the given options to fit in the missing fig.

**Q369.**



(1)

(2)

(3)

(4)

(a) 1

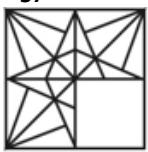
(b) 2

(c) 3

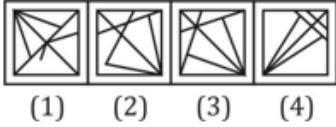
(d) 4

## COMBO OF AFCAT BOOKS SET (ENGLISH MEDIUM )



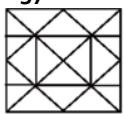
**Q370.**


(x)

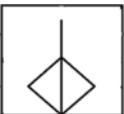


- (1)
- (2)
- (3)
- (4)

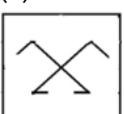
**Directions (371-375):** From the given answer figures, select the one in which the question figure is hidden/embedded.

**Q371.**


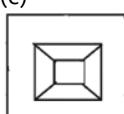
(a)



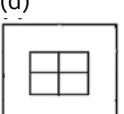
(b)



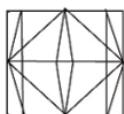
(c)



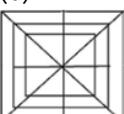
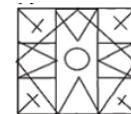
(d)


**Q372.**

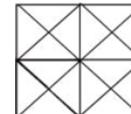

(a)



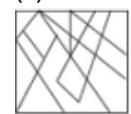
(b)


**(c)**


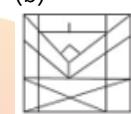
(d)


**Q373.**

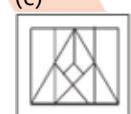

(a)



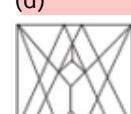
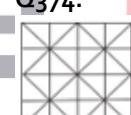
(b)



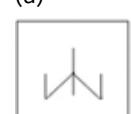
(c)



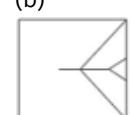
(d)


**Q374.**


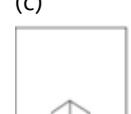
(a)



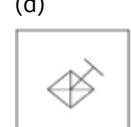
(b)



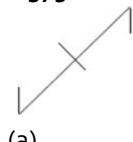
(c)



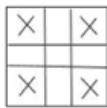
(d)



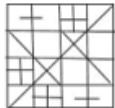
Q375.



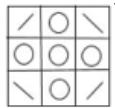
(a)



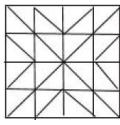
(b)



(c)



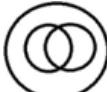
(d)



Directions (376-380): Identify the diagram that best represents the relationship among the given classes.

Q376. Cows, Wild animals, Fox

(a)



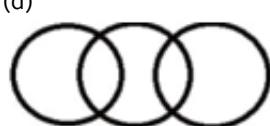
(b)



(c)



(d)

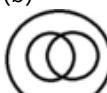


Q377. Days, Hours, Weeks

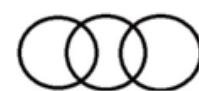
(a)



(b)



(c)



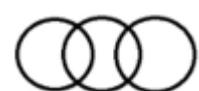
(d)



Q378.

Male, Doctors, Singers

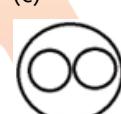
(a)



(b)



(c)



(d)

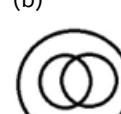


Q379. Fiber, Cotton, Jute

(a)



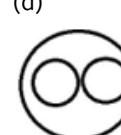
(b)



(c)



(d)

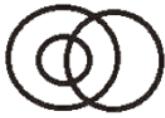


**Q380.** Males, Fathers, Accountants

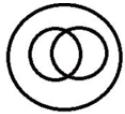
(a)



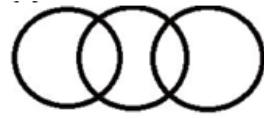
(b)



(c)



(d)



**Q381.** In the following question, select the odd word/letter/number (pair) from the given alternatives.

- (a) 19, 39
- (b) 25, 53
- (c) 68, 137
- (d) 37, 75

**Q382.** In the following question, select the odd word/letter/number (pair) from the given alternatives.

- (a) dEefFF
- (b) mnNoOO
- (c) uvVwWW
- (d) pqQrRR

**Q383.** In the following question, select the odd word/letter/number (pair) from the given alternatives.

- (a) Steel
- (b) Tin
- (c) Aluminium
- (d) Zinc

**Q384.** In the following question, select the odd word/letter/number (pair) from the given alternatives.

- (a) Steam
- (b) Grill
- (c) Fire
- (d) Roast

**Q385.** In the following question, select the odd word/letter/number (pair) from the given alternatives.

- (a) QUAIL
- (b) PIOUS
- (c) AEONS
- (d) PENAL

**Directions (386-390):** In the following question, select the related word/number from the given alternatives.

**Q386.** Select the option that is related to the third term in the same way as the second term is related to the first term.

SPORTS : 214 :: SOCIAL : ?

- (a) 118
- (b) 116
- (c) 60
- (d) 120

**Q387.** Select the option that is related to the third number in the same way as the second number is related to the first number.

289 : 324 :: 441 : ?

- (a) 529
- (b) 484
- (c) 401
- (d) 483

**Q388.** Select the option that is related to the third term in the same way as the second term is related to the first term.

SUNDAY : RWKHVE :: ANNUAL : ?

- (a) AOKXWR
- (b) ZPLXVN
- (c) ZPKYVR
- (d) BPKYVQ

**Q389.** Select the option that is related to the fourth term in the same way as the first is related to the second term.

NRGLEDGLLQ : MOTIVATION :: ? : DEMEANOURS

- (a) WHMHZQLWIV
- (b) WHNIYOLXIV
- (c) WHNZQLXIV
- (d) WHHNZLOXIV

**Q390.** Select the option that is related to the third term in the same way as the second term is related to the first term.

INSPIRE: JPVTNXL :: PERSIST: \_\_\_\_\_

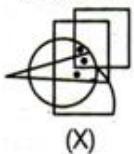
- (a) QGUWNYA
- (b) QFWWNYA
- (c) QGUWNXZ
- (d) QGUVMYA



**Directions (391-395):** The following situations involve a cluster of three or more geometrical figures, having one or more dots placed at any point inside the cluster. This cluster is followed by a set of four alternative figures each composed of a cluster of the same type of figures. Now, for each dot we have to observe the region in which it is enclosed i.e., in which of the geometrical figure this region is common. From amongst the figures marked (A), (B), (C) and (D). select the figure which satisfies the same conditions of placement of the dot as in question figure.

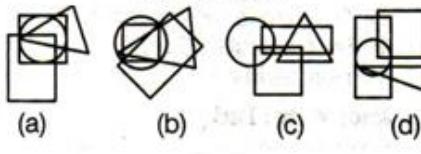
**Q391.**

Question figure



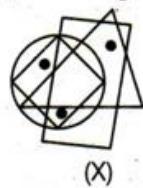
- (a) a
- (b) b
- (c) c
- (d) d

Answer figure



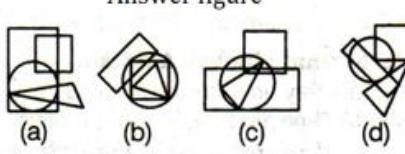
**Q392.**

Question figure



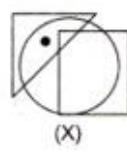
- (a) a
- (b) b
- (c) c
- (d) d

Answer figure



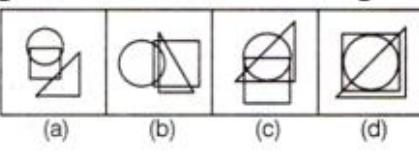
**Q393.**

Problem Figure



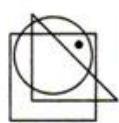
- (a) a
- (b) b
- (c) c
- (d) d

Answer Figures



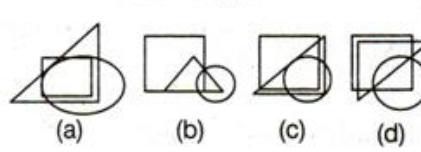
**Q394.**

Question figure



- (a) a
- (b) b
- (c) c
- (d) d

Answer figure



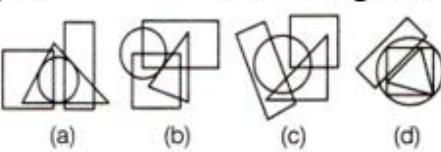
**Q395.**

Problem Figure



- (X)
- (a)
- (b)
- (c)
- (d)

Answer Figures



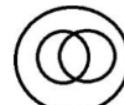
- (a) a
- (b) b
- (c) c
- (d) d

**Directions (396-400):** Identify the diagram that best represents the relationship among the given classes.

**Q396.**

Periodical, Weekly, Publisher

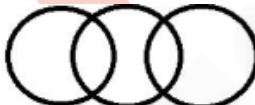
- (a)



- (b)



- (c)



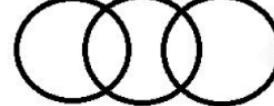
- (d)



**Q397.**

Women, Officer, Stenographer

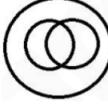
- (a)



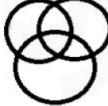
- (b)



- (c)



- (d)



**Q398.**

Singers, Homo Sapiens, Cricketers

- 1.
- 2.
- 3.
- 4.

- (a) 4  
 (b) 2  
 (c) 3  
 (d) 1

**Q399.**

Table, Stationary, Carpet

- (a)
- (b)
- (c)
- (d)

**Q400.** Female, Mother, Sister

- (a)

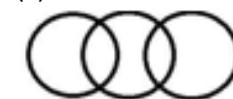
(b)



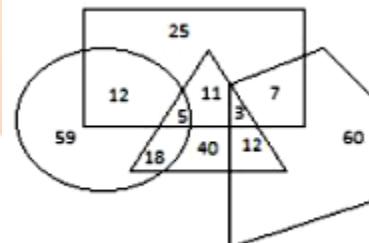
(c)



(d)



**Q401.** The data of a company's employees is shown by the given Venn diagram. The circle represents 'engineers'. the triangle represents 'computer experts'. the rectangle represents 'MBAs' and the pentagon represents 'females'. The numbers given in the diagram represent the number of persons of that particular category.



How many of the employees are MBAs, and how many male MBAs are computer experts but NOT engineers, respectively?

- (a) 25, 18  
 (b) 63, 11  
 (c) 44, 16  
 (d) 44, 11

**Directions (402-406):** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

**Q402.** 105, 107, 103, ?, 101, 111

- (a) 102  
 (b) 97  
 (c) 113  
 (d) 109

**Q403.** 1, 11, 35, 79, ?, 251

- (a) 152  
 (b) 149  
 (c) 105  
 (d) 150

**Q404.** K, I, G, E, C, ?

- (a) A  
 (b) B  
 (c) D  
 (d) Z

**Q405.** 40, 44, 22, 26, 13, ?

- (a) 16
- (b) 20
- (c) 17
- (d) 22

**Q406.** TXB, QWE, NVH, KUK, ?

- (a) ITM
- (b) HSN
- (c) JTM
- (d) HTN

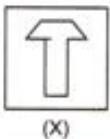
**Directions (407-411):** The original figure is embedded or hidden in one of the answer figures (A),

(b), (C) and

(d). Select the alternative that carries the correct figure which clearly shows the embedded portion of the original figures.

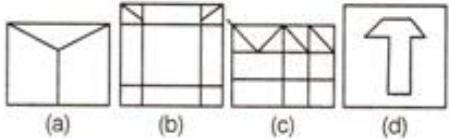
**Q407.**

Question figure



- (a) a
- (b) b
- (c) c
- (d) d

Answer figure



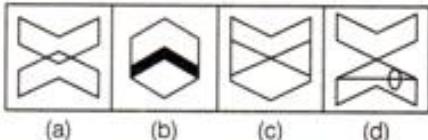
**Q408.**

Question figure



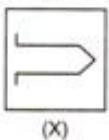
- (a) a
- (b) b
- (c) c
- (d) d

Answer figure



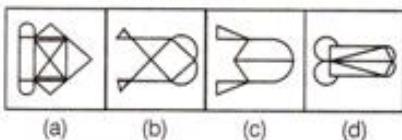
**Q409.**

Question figure



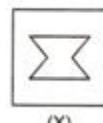
- (a) a
- (b) b
- (c) c
- (d) d

Answer figure



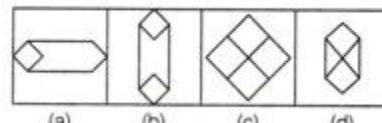
**Q410.**

Question figure



- (a) a
- (b) b
- (c) c
- (d) d

Answer figure



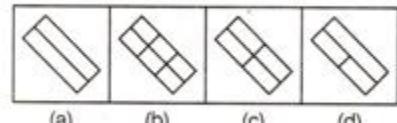
**Q411.**

Question figure



- (a) a
- (b) b
- (c) c
- (d) d

Answer figure



**Directions (412-416):** In the following questions, select the related word (pair)/ letter(s)/ number(s) from the given alternatives.

**Q412.** 72 - 14

- (a) 36 - 19
- (b) 81 - 80
- (c) 45 - 20
- (d) 92 - 17

**Q413.** Ballet : Choreographer :: Clothes : ?

- (a) Shopkeeper
- (b) Printer
- (c) Producer
- (d) Tailor

**Q414.** 14 : 98 :: 18 : 162 :: 26 : ?

- (a) 262
- (b) 328
- (c) 338
- (d) 345

**Q415.** HOSPITAL : JLWKOMIC :: MEDICINE : ?

- (a) PBIHBWV
- (b) OBHDIBVV
- (c) PCHDIBWV
- (d) OBHDIBVW

**Q416.** 104 : 117 :: 216 : ?

- (a) 342
- (b) 245
- (c) 243
- (d) 234

**Q417.** Find the odd numbers/letters /words from the given alternatives.

- (a) 197
- (b) 193
- (c) 195
- (d) 191

**Q418.** Find the odd numbers/letters /words from the given alternatives.

- (a) Stable
- (b) Court
- (c) Den
- (d) Igloo

**Q419.** Find the odd numbers/letters /words from the given alternatives.

- (a) 13 : 182
- (b) 25 : 650
- (c) 23 : 552
- (d) 18 : 306

**Q420.** Find the odd numbers/letters /words from the given alternatives.

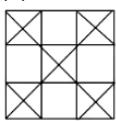
- (a) 34 - 289
- (b) 18 - 81
- (c) 16 - 64
- (d) 26 - 168

**Directions (421-425):** In each questions given below a figure is given. From the given alternatives select the one in which the given figure is embedded (rotation is NOT allowed).

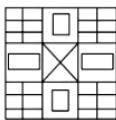
**Q421.**



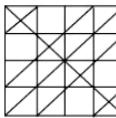
(a)



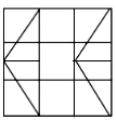
(b)



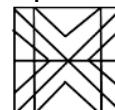
(c)



(d)



**Q422.**



(a)



(b)



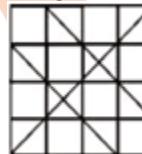
(c)



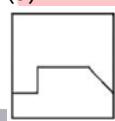
(d)



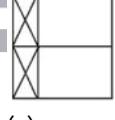
**Q423.**



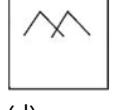
(a)



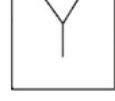
(b)



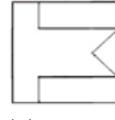
(c)



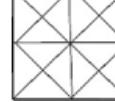
(d)



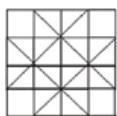
**Q424.**



(a)



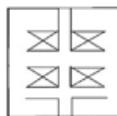
(b)



(c)



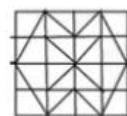
(d)



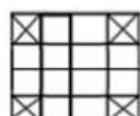
**Q425.**



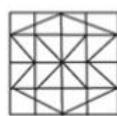
(a)



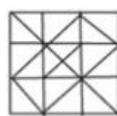
(b)



(c)



(d)



**Q426.** Find the odd numbers/letters /words from the given alternatives.

- (a) Malaria
- (b) Flu
- (c) Typhoid
- (d) Depression

**Q427.** Find the odd numbers/letters /words from the given alternatives.

- (a) 24 : 142
- (b) 14 : 49
- (c) 16 : 64
- (d) 34 : 289

**Q428.** Find the odd numbers/letters /words from the given alternatives.

- (a) QIZ
- (b) HNU
- (c) GKR
- (d) MKX

**Q429.** Find the odd numbers/letters /words from the given alternatives.

- (a) Cheerful
- (b) Morose
- (c) Gladsome
- (d) Joyous

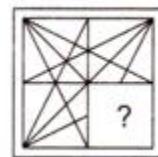
**Q430.** Find the odd numbers/letters /words from the given alternatives.

- (a) 13 : 182
- (b) 25 : 650
- (c) 18 : 306
- (d) 23 : 552

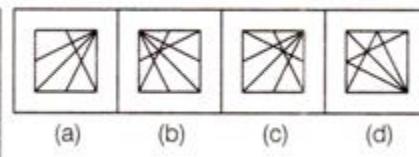
**Directions (431-435):** In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.

**Q431.**

Problem Figures



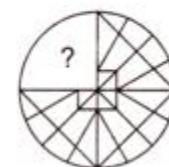
Answer Figures



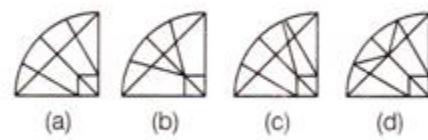
- (a) A
- (b) B
- (c) C
- (d) D

**Q432.**

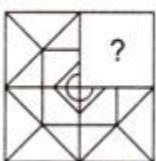
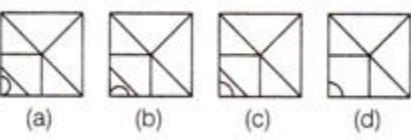
Problem Figures



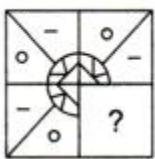
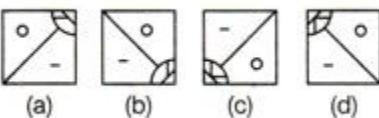
Answer Figures



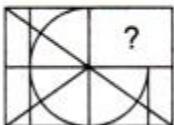
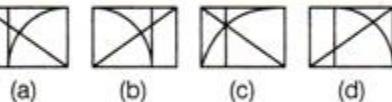
- (a) A
- (b) B
- (c) C
- (d) D

**Q433.**
**Problem Figures**

**Answer Figures**


- (a) A
- (b) B
- (c) C
- (d) D

**Q434.**
**Problem Figure**

**Answer Figures**


- (a) A
- (b) B
- (c) C
- (d) D

**Q435.**
**Problem Figure**

**Answer Figures**


- (a) A
- (b) B
- (c) C
- (d) D

**Q436.** 'Pleasure' is related to 'Joy' in the same way as 'Diligent' is related to '\_\_\_\_\_':

- (a) Breathlessness
- (b) Industrious
- (c) Anger
- (d) Sympathy

**Directions (437-439): Select the related letters/word/ number from the given alternatives.**

**Q437.**

Gallop : Horse

- (a) Scamper : Mouse
- (b) Elephant : Amble
- (c) Bird : Kangaroo
- (d) Run : Lion

**Q438.**

Crocodile : Snake : Iguana : ?

- (a) Frog
- (b) Starfish
- (c) Chameleon
- (d) Toad

**Q439.**

72 : 14

- (a) 36 : 19
- (b) 92 : 17
- (c) 45 : 20
- (d) 81 : 80

**Q440.** Select the option that is related to the third word in the same way as the second word is related to the first word.

Power : Watt :: Pressure : ?

- (a) Degrees
- (b) Pascal
- (c) Newton
- (d) Ohm

**Directions (441-444): A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**

**Q441.** 28, 33, 31, 36, ?, 39

- (a) 32
- (b) 34
- (c) 38
- (d) 40

**Q442.** 1, 4, 13, 40, 121, ?

- (a) 284
- (b) 286
- (c) 364
- (d) 396

**Q443.** 84, 42, 44, 22, 24, 12, ?

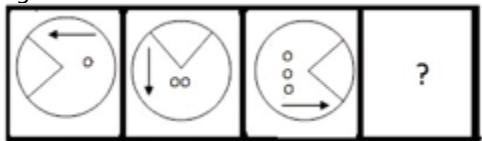
- (a) 20
- (b) 14
- (c) 24
- (d) 28

**Q444.** Select the option that will fill in the blank and complete the given series.

CDZ, DGE, EJJ, FMO, GPT, \_\_\_\_\_

- (a) HRZ
- (b) HSY
- (c) GRY
- (d) IQX

**Q445.** Select the figure that will come next in the following figure series



- (a)
- (b)
- (c)
- (d)

Directions (446-450): Identify the diagram that best represents the relationship among the given classes.

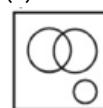
**Q446.** Awards, Pulitzer Prize and Oscars?

- (a)
- (b)
- (c)
- (d)

**Q447.** Girl, Singer, Politician

- (a)
- (b)

(c)



(d)



**Q448.** Profession , doctor , lawyer

Options:

- 1)
- 2)
- 3)
- 4)

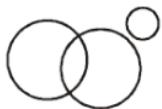
- (a) a
- (b) b
- (c) c
- (d) d

**Q449.** factory, machinery and product?

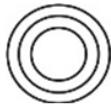
- (a)
- (b)
- (c)
- (d)

**Q450.** Mango, Alphonso, Fruits

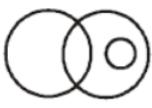
(a)



(b)



(c)



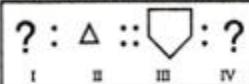
(d)



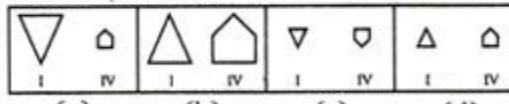
- (a) a
- (b) b
- (c) c
- (d) d

**Q453.**

**PROBLEM FIGURES**



**ANSWER FIGURES**



(a) (b) (c) (d)

- (a) a
- (b) b
- (c) c
- (d) d

**Directions (454-455):** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

**Q454.** 248 : 3 :: 328 : ?

- (a) 7
- (b) 5
- (c) 4
- (d) 6

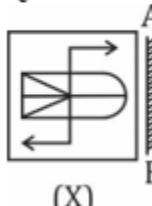
**Q455.** 212 : 436 :: 560 : ?

- (a) 786
- (b) 682
- (c) 784
- (d) 688

**Directions (456-460):** Select the Answer Figure that is the correct mirror image of the given figure when the mirror is held at the right side.

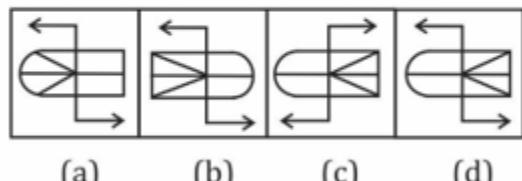
**Q456.**

**Question Figure**



- (X)
- (a)
- (b)
- (c)
- (d)

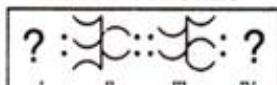
**Answer Figures**



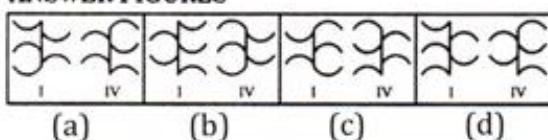
- (a) a
- (b) b
- (c) c
- (d) d

**Q451.**

**PROBLEM FIGURES**



**ANSWER FIGURES**



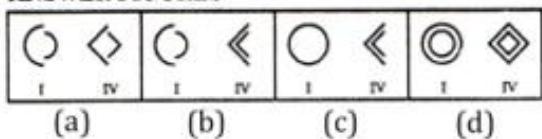
- (a) a
- (b) b
- (c) c
- (d) d

**Q452.**

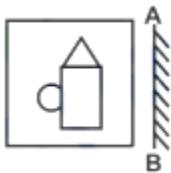
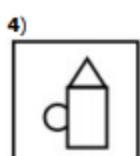
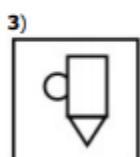
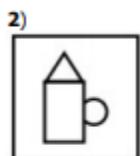
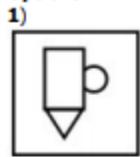
**PROBLEM FIGURES**



**ANSWER FIGURES**



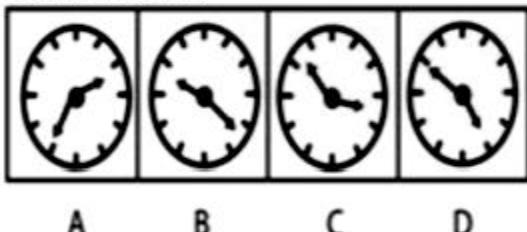
Q457.


**Options:**


- (a) a
- (b) b
- (c) c
- (d) d

Q458.

**Figure:**

**Answer Figure:**


- (a) B
- (b) A
- (c) C
- (d) D

Q459.

**JKWM691F**

(a)

**1KWM691F**

(b)

**J1e6MWMJK**

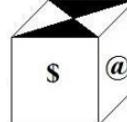
(c)

**J1e6MWJK**

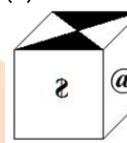
(d)

**UKWM691F**

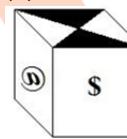
Q460.



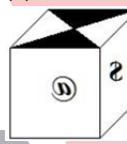
(a)



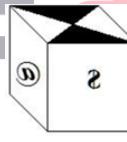
(b)



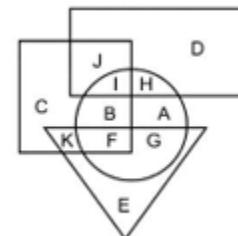
(c)



(d)



**Q461.** In the following figure, rectangle represents Lawyers, circle represents Bakers, triangle represents Singers and square represents Golfers. Which set of letters represents Golfers who are not Bakers ?



- (a) IBF
- (b) HAG
- (c) CJK
- (d) KFG

**Directions (462-463):** Study the figures given below it shows that how many men and women in certain area are educated and employed. Each part of the figure is numbered. Your work is to answer the questions that are given at the end.



Men



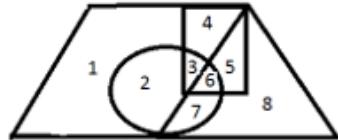
Women



Educated



Employed



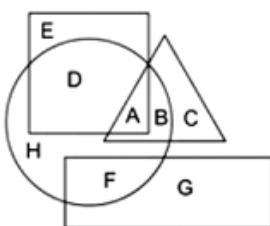
**Q462.** What does number 3 depicts,

- (a) employed educated men
- (b) employed uneducated women
- (c) employed educated women
- (d) unemployed educated men

**Q463.** Which number depicts educated unemployed women?

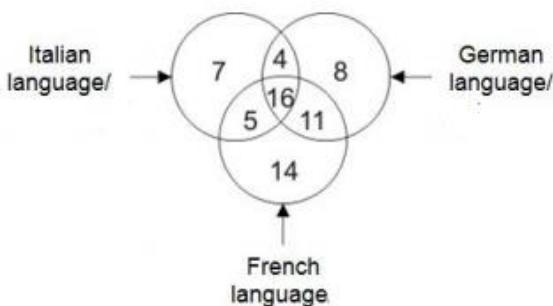
- (a) 2
- (b) 3
- (c) 4
- (d) 5

**Q464.** In the following figure, square represents Dancers, triangle represents Geologists, circle represents Architects and rectangle represents Mothers. Which set of letters represents architects who are also Geologists?



- (a) A,B
- (b) E,D
- (c) D,H,F
- (d) G,C

**Q465.** How many people speak only Italian and only French language?

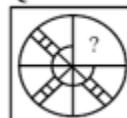


- (a) 21
- (b) 16
- (c) 27
- (d) 20

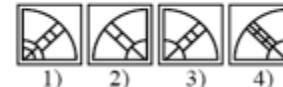
**Directions (466-470):** In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.

**Q466.**

**Question figure**



**Answer figures**



- (a) 1
- (b) 2
- (c) 3
- (d) 4

**Q467.**



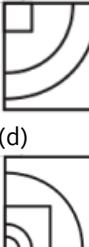
- (a)
- (b)



- (b)

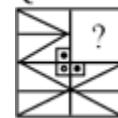


- (d)

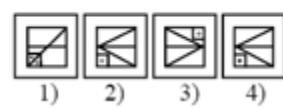


**Q468.**

**Question figure**

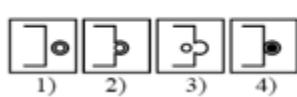


**Answer figures**



- (a) 1
- (b) 2
- (c) 5
- (d) 4

**Q469.**
**Question figure**

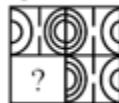
**Answer figures**


(a) 1

(b) 2

(c) 5

(d) 4

**Q470.**
**Question figure**

**Answer figures**


(a) 1

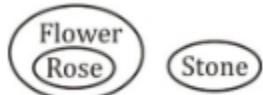
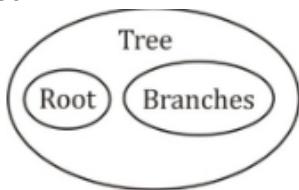
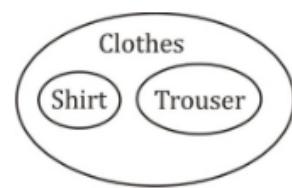
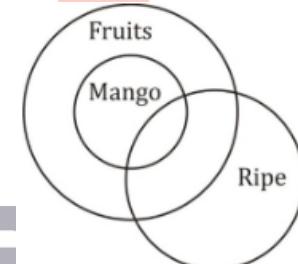
(b) 2

(c) 5

(d) 4



## Solutions

**S1. Ans.(d)**
**S2. Ans.(c)**
**S3. Ans.(a)**
**S4. Ans.(a)**
**S5. Ans.(b)**
**S6. Ans.(a)**
**Sol.**

**S7. Ans.(b)**
**Sol.**

**S8. Ans.(a)**
**Sol.**

**S9. Ans.(b)**
**Sol.**

**S10. Ans.(d)**
**Sol.** D represents round ball.

**S11. Ans.(c)**
**Sol.** Young people = 31 + 68 = 99

**S12. Ans.(c)**
**Sol.** 'F' represents broom, which is wood but not long.

**S13. Ans.(d)**
**Sol.** Foundation is the main part or the first thing after that rest are made.

**S14. Ans.(d)**
**Sol.** First part is the cause and second part is its effect. Except in the (d) option in which 2<sup>nd</sup> one is the cause.

**S15. Ans.(a)**
**Sol.** Pair of opposite letters except DU.

**S16. Ans.(c)**
**Sol.** +4 series except MS.

**S17.** Ans.(a)

Sol.

$$11^2 - 14^2$$

$$21^2 - 22^2$$

$$5^2 - 6^2$$

$$13^2 - 14^2$$

**S18.** Ans.(d)

**S19.** Ans.(c)

**S20.** Ans.(a)

**S21.** Ans.(a)

**S22.** Ans.(c)

**S23.** Ans.(b)

Sol. Bhangra is the dance form of Punjab.

Garba is the dance form of Gujarat.

**S24.** Ans.(c)

Sol.

Weak - Feeble



Similar words

Large - Colossal

**S25.** Ans.(a)

Sol. +1, +2, +3, +4 series

**S26.** Ans.(a)

Sol. +1,+2,+1,+2 series

**S27.** Ans.(a)

Sol.

$$6^3 = 216, 5^3 = 125$$

**S28.** Ans.(d)

**S29.** Ans.(b)

**S30.** Ans.(c)

**S31.** Ans.(a)

**S32.** Ans.(d)

**S33.** Ans.(b)

**S34.** Ans.(d)

**S35.** Ans.(d)

**S36.** Ans.(d)

**S37.** Ans.(c)

**S38.** Ans.(b)

Sol. 4 represents houses which are red and tall.

**S39.** Ans.(b)

Sol. 39 male shoes are not of clothes.

**S40.** Ans.(c)

Sol. 6 represents white glass which is not cup.

**S41.** Ans.(b)

Sol. Papers which are hard =  $9 + 14 = 23$

**S42.** Ans.(c)

**S43.** Ans.(d)

**S44.** Ans.(a)

**S45.** Ans.(b)

**S46.** Ans.(d)

**S47.** Ans.(b)

Sol. Text is different from the other three.

**S48.** Ans.(d)

Sol. Except D in all others, one letter is skipped between the first two letters.

**S49.** Ans.(b)

Sol. Except B, +2 +3 +4 pattern is followed between the terms.

**S50.** Ans.(c)

Sol. all others have vowels.

**S51.** Ans.(a)

**S52.** Ans.(c)

**S53.** Ans.(b)

**S54.** Ans.(b)

**S55.** Ans.(c)

**S56.** Ans.(c)

Sol. 400 is the square of double of 10. So, square of double of 15 is 900.

**S57.** Ans.(a)

Sol. ABCD is related to ZYXW as each corresponding letter is equidistant from both ends of the alphabetical sequence. Similarly, PQRS can be related with KJIH.

**S58.** Ans.(b)

Sol. 27 is cube of 3, 65 is one more than cube of 4. 125 is cube of 5. So, next number is one more than cube of 6, i.e. 217.

**S59.** Ans.(d)

Sol. In groups BDFH and YWUS, each corresponding letter is equidistant from the extreme ends of the alphabetical sequence. Such a group for GIKM will be TRPN.

**S60.** Ans.(b)

Sol. 60 is the thrice of the sum of place values of F, A and N. Similarly, the thrice value of the sum of the place values of B, E and T is 81.

S61. Ans.(c)

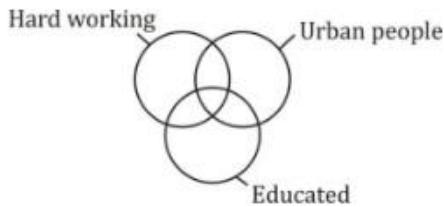
S62. Ans.(c)

S63. Ans.(c)

S64. Ans.(d)

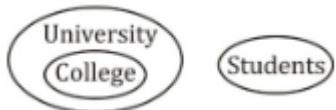
S65. Ans.(c)

Sol.



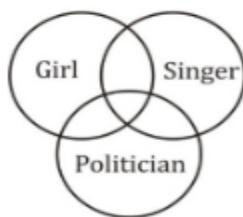
S66. Ans.(d)

Sol.



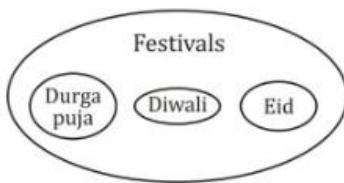
S67. Ans.(b)

Sol.



S68. Ans.(a)

Sol.



S69. Ans.(d)

S70. Ans.(c)

S71. Ans.(a)

S72. Ans.(b)

S73. Ans.(c)

S74. Ans.(b)

Sol. Except tomato, all other are grown under the ground.

S75. Ans.(d)

Sol. In all other pairs, first is essentially required to use the second.

S76. Ans.(c)

Sol. In all other groups, the first and second as well as the third and fourth letters are alternate, and the third letter is three steps ahead of the second letter.

S77. Ans.(b)

Sol. In all other groups, the second and fourth letters are each four steps ahead of the first and third letters respectively, while second and third letters are consecutive.

S78. Ans.(d)

Sol. except 243, all other numbers are perfect squares of natural number

S79. Ans.(d)

S80. Ans.(d)

S81. Ans.(d)

S82. Ans.(d)

S83. Ans.(d)

S84. Ans.(c)

S85. Ans.(a)

S86. Ans.(d)

S87. Ans.(c)

S88. Ans.(c)

Sol. Pollution is caused by smoke  
Ash is caused by fire

S89. Ans.(b)

Sol. Group of players form Team  
Group of ships form Fleet.

S90. Ans.(a)

Sol. -1, -2, -3, -4 series

S91. Ans.(d)

Sol. -3,-2,-1 series

S92. Ans.(a)

Sol.

$$8^3 = 512$$

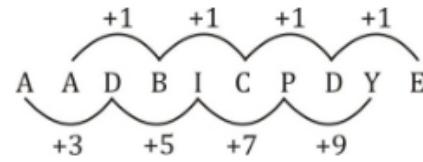
$$6^3 = 216$$

S93. Ans.(d)

Sol. - 3 Series

S94. Ans.(c)

Sol.



**S95.** Ans.(d)

$$\text{Sol. } 1 \times 3 + 5 = 8$$

$$8 \times 3 + 5 = 29$$

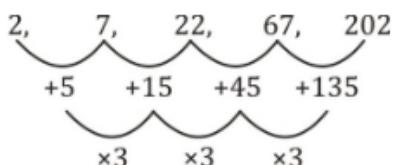
$$29 \times 3 + 5 = 92$$

$$92 \times 3 + 5 = 281$$

$$281 \times 3 + 5 = 848$$

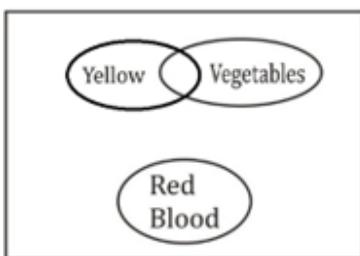
**S96.** Ans.(d)

Sol.



**S97.** Ans.(c)

Sol.



**S98.** Ans.(d)

**S99.** Ans.(a)

**S100.** Ans.(a)

**S101.** Ans.(d)

**S102.** Ans.(a)

**S103.** Ans.(c)

**S104.** Ans.(d)

**S105.** Ans.(a)

**S106.** Ans.(c)

Sol.

-3 series, except YVT

**S107.** Ans.(a)

Sol.

$$60 + 102 = 162$$

$$44 + 102 = 146$$

$$112 + 102 = 214$$

$$52 + 102 = 154 \neq 164$$

**S108.** Ans.(d)

Sol. Heptagon is a seven – sided polygon not six

**S109.** Ans.(b)

Sol. 51 is not a prime number.

**S110.** Ans.(b)

Sol.

$$3^3 = 27$$

$$5^3 = 125$$

$$6^3 = 216$$

$$7^3 = 343 \neq 49.$$

**S111.** Ans.(B)

**S112.** Ans.(d)

Sol. B is not a vowel

**S113.** Ans.(C)

**S114.** Ans.(B)

**S115.** Ans.(d)

**S116.** Ans.(a)

**S117.** Ans.(a)

**S118.** Ans.(a)

**S119.** Ans.(b)

**S120.** Ans.(b)

Sol. Scissors is used to cut cloth

Axe is used to cut wood.

**S121.** Ans.(b)

Sol.

$$108^2 = 11664$$

$$112^2 = 12544$$

**S122.** Ans.(a)

Sol. +3 Series

**S123.** Ans.(c)

Sol.

$$5^2 + 1 = 26$$

$$8^2 + 1 = 65$$

**S124.** Ans.(c)

Sol.

Ramanujan → Mathematician

Sushruta → Physician

**S125.** Ans.(c)

Sol.

+3 series

**S126. Ans.(c)**

**Sol.**

+3 series ; A, D, G, J

+4 Series ; B, F, J, N

$$\begin{aligned} 101 - 10 &= 91 = 7 \times 13 \\ 290 - 101 &= 189 = 7 \times (27) \\ 287 &= 7 \times (41) \end{aligned}$$

+14                            +14

$$\therefore \text{Next no.} = 287 + 290 = 577$$

$\therefore \text{J N } 577$  is the answer.

**S127. Ans.(c)**

**Sol.**

$$\begin{array}{cccccc} 1 & 4 & 13 & 40 & 121 & 364 \\ & +(1 \times 3) & +(3 \times 3) & +(9 \times 3) & +(27 \times 3) & +(81 \times 3) \\ & =3 & =9 & =27 & =81 & =243 \end{array}$$

**S128. Ans.(b)**

**Sol.**

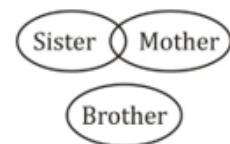
$$\begin{array}{ccccccccc} 84 & 42 & 44 & 22 & 24 & 12 & 14 \\ & \div 2 & & +2 & \div 2 & +2 & \end{array}$$

**S129. Ans.(a)**

**S130. Ans.(a)**

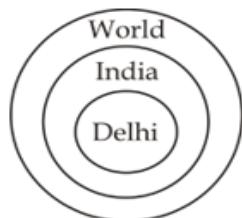
**S131. Ans.(b)**

**Sol.**



**S132. Ans.(c)**

**Sol.**



**S133. Ans.(b)**

**S134. Ans.(a)**

**S135. Ans.(a)**

**S136. Ans.(d)**

**S137. Ans.(a)**

**S138. Ans.(b)**

**Sol.** Except in number pair 63, 77 in all other number pairs there is a difference of 16 between the two numbers.

**S139. Ans.(b)**

**Sol.** All except Puppy are names of animals, while puppy is a young one of dog.

**S140. Ans.(b)**

**Sol.** All except Guwahati are capital cities.

**S141. Ans.(d)**

**Sol.** In Option (d) the letters are given in increasing order but in all others, the letters are in reverse order.

**S142. Ans.(d)**

**Sol.**

$$(21)^2 - 1 = 441 - 1 = 440$$

$$(16)^2 - 1 = 256 - 1 = 255$$

$$(11)^2 - 1 = 121 - 1 = 120$$

But,

$$(15)^2 + 1 = 225 + 1 = 226$$

**S143. Ans.(a)**

**S144. Ans.(c)**

**Sol.** (mirror image)

**S145. Ans.(d)**

**Sol.** one line is dotted and other one is solid line

**S146. Ans.(c)**

**S147. Ans.(d)**

**S148. Ans.(a)**

**S149. Ans.(c)**

**S150. Ans.(d)**

**S151. Ans.(b)**

**S152. Ans.(b)**

**Sol.** Blind possesses visual defects. Similarly, a deaf has auditory defects.

**S153. Ans.(c)**

**Sol.** The words in each pair are synonyms of each other.

**S154. Ans.(c)**

**Sol.** pair of opposite letters.

**S155. Ans.(c)**

**Sol.** The words in each pair are synonyms of each other.

**S156. Ans.(a)**

**Sol.**  $3^*6^*5 = 90$

Similarly,  $6^*2^*3 = 36$

**S157. Ans.(b)**

**Sol.** The pattern is +5, -2, +5, -2, +5, -2, ..... So, missing term =  $36 - 2 = 34$

**S158. Ans.(a)**

**Sol.** The pattern is -45, -35, -25, ..... So, missing term =  $20 - 15 = 5$

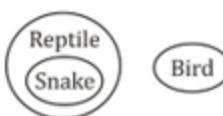
**S159. Ans.(a)**

**Sol.** U-(+7)→B -(+7)→I -(+7)→P -(+7)→W-(+7)→D

**S160. Ans.(c)**

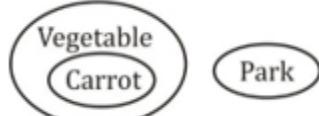
**S161. Ans.(c)**

**Sol.**



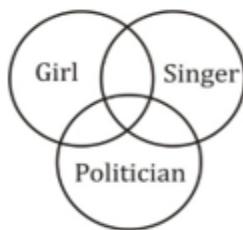
**S162. Ans.(c)**

**Sol.**



**S163. Ans.(b)**

**Sol.**



**S164. Ans.(b)**

**Sol.**



**S165. Ans.(b)**

**S166. Ans.(b)**

**S167. Ans.(c)**

**S168. Ans.(b)**

**S169. Ans.(d)**

**S170. Ans.(c)**

**Sol.** All except haven are the habitats of animals, while haven is the safe place generally for criminals.

**S171. Ans.(a)**

**Sol.** Toronto is a famous city of Canada while the others are the capital cities.

**S172. Ans.(a)**

**Sol.** TWY, having different word gap, like other options.

**S173. Ans.(b)**

**Sol.** +4, -5, +6 series except UXTV.

**S174. Ans.(d)**

**Sol.**

$$\begin{aligned} 41 - 43 ; (4 + 3) - (4 + 1) = 2 \\ 61 - 67 ; (6 + 7) - (6 + 1) = 6 \\ 71 - 73 ; (7 + 3) - (7 + 1) = 2 \\ 83 - 97 ; (9 + 7) - (8 + 3) = 5 \end{aligned} \quad \text{Even number}$$

83 - 97 ; (9 + 7) - (8 + 3) = 5 — odd number

**S175. Ans.(a)**

**S176. Ans.(d)**

**S177. Ans.(b)**

**S178. Ans.(c)**

**Sol.**  $24/8 = 3, 32/8 = 4$

**S179. Ans.(c)**

**Sol.**  $212 + 224 = 436, 560 + 224 = 784$

**S180. Ans.(c)**

**Sol.**

$$V \xrightarrow{+2} X \xrightarrow{+2} Z$$

$$J \xrightarrow{+2} L \xrightarrow{+2} N$$

$$G \xrightarrow{+2} I \xrightarrow{+2} K$$

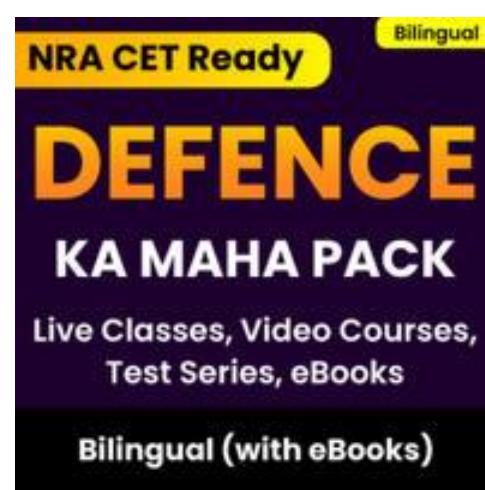
Similarly

$$O \xrightarrow{+2} Q \xrightarrow{+2} S$$

**S181. Ans.(c)**

**S182. Ans.(c)**

**S183. Ans.(c)**



**S184.** Ans.(a)

**S185.** Ans.(c)

**S186.** Ans.(a)

**S187.** Ans.(b)

**S188.** Ans.(a)

**S189.** Ans.(d)

**S190.** Ans.(c)

**Sol.**

$$\begin{array}{cccccc}
 1 & 4 & 13 & 40 & 121 & 364 \\
 + (1 \times 3) & + (3 \times 3) & + (9 \times 3) & + (27 \times 3) & + (81 \times 3) & \\
 = 3 & = 9 & = 27 & = 81 & = 243
 \end{array}$$

**S191.** Ans.(b)

**Sol.**

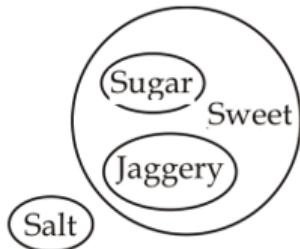
$$\begin{array}{ccccccccc}
 84 & 42 & 44 & 22 & 24 & 12 & 14 \\
 \div 2 & +2 & \div 2 & +2 & \div 2 & +2 &
 \end{array}$$

**S192.** Ans.(c)

**Sol.** +3 series

**S193.** Ans.(c)

**Sol.**



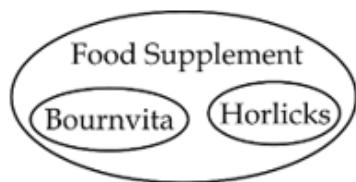
**S194.** Ans.(d)

**Sol.**



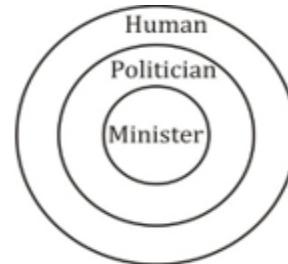
**S195.** Ans.(d)

**Sol.**



**S196.** Ans.(b)

**Sol.**



**S197.** Ans.(c)

**S198.** Ans.(d)

**S199.** Ans.(b)

**S200.** Ans.(d)

**S201.** Ans.(d)

**S202.** Ans.(a)

**Sol.** Body is the main part and rest are its parts.

**S203.** Ans.(c)

**Sol.** All are opposite letter pairs except GUHS.

**S204.** Ans.(d)

**Sol.** All are prime numbers except 21.

**S205.** Ans.(c)

**Sol.**  $2+5+6+7+3=23$

$3+4+6+6+4=23$

$2+5+5+5+6=23$

$4+2+7+6+3=22$

**S206.** Ans.(a)

**Sol.**  $3+6=9$

$2+3=5$

$4+3=7$

$6+6=12 \neq 3$

**S207.** Ans.(c)

**S208.** Ans.(d)

**S209.** Ans.(d)

**S210.** Ans.(b)

**S211.** Ans.(a)

**Sol.** Jammu and Kashmir is in North and Tamil Nadu is in south.

**S212.** Ans.(b)

**Sol.**

$$\begin{array}{ccc}
 & +9 & \\
 S & T & : & L & C & :: & P & Q & : & I & Z \\
 & -7 & & & & & & -7 & & & &
 \end{array}$$

S213. Ans.(d)

Sol.

$$\begin{array}{c} +3 \\ \boxed{\phantom{0}} \end{array} : \begin{array}{c} -6 \\ \boxed{\phantom{0}} \end{array} :: \begin{array}{c} +3 \\ \boxed{\phantom{0}} \end{array} : \begin{array}{c} -6 \\ \boxed{\phantom{0}} \end{array}$$

S214. Ans.(b)

Sol.

$$9^2 + 1 = 82$$

$$11^2 + 1 = 122$$

S215. Ans.(b)

S216. Ans.(b)

S217. Ans.(c)

S218. Ans.(c)

S219. Ans.(d)

S220. Ans.(a)

S221. Ans.(a)

S222. Ans.(b)

Sol. +1 Series

S223. Ans.(c)

Sol.

D	E	F	I	J	K	O	P	Q	V	W	X
		+5			+6			+7			
		+5			+6			+7			

S224. Ans.(b)

Sol.

$$2^3 - 2^2 = 4$$

$$3^3 - 3^2 = 18$$

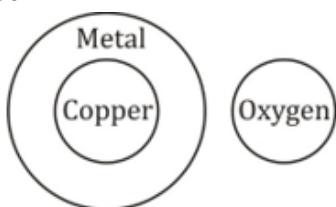
$$4^3 - 4^2 = 48$$

$$5^3 - 5^2 = 100$$

$$6^3 - 6^2 = 180$$

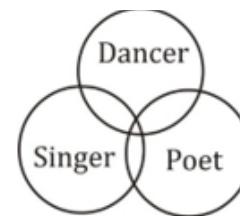
S225. Ans.(c)

Sol.



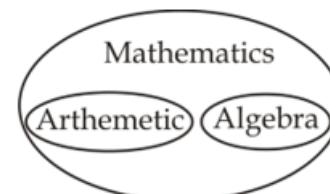
S226. Ans.(b)

Sol.



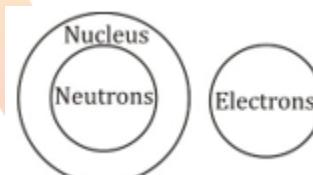
S227. Ans.(d)

Sol.



S228. Ans.(b)

Sol.



S229. Ans.(a)

S230. Ans.(b)

S231. Ans.(a)

S232. Ans.(a)

S233. Ans.(a)

S234. Ans.(a)

Sol. The pair of synonyms is given.

S235. Ans.(b)

Sol. Treatment is done by physician. Judgement is delivered by judge.

S236. Ans.(a)

Sol. +2 series

S237. Ans.(a)

Sol. pair of opposite letters in reverse order.

S238. Ans.(a)

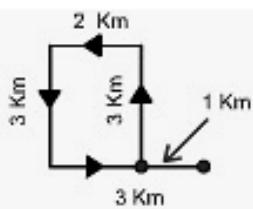
S239. Ans.(c)

S240. Ans.(d)

S241. Ans.(d)

S242. Ans.(d)

Sol.



S243. Ans.(d)

S244. Ans.(a)

S245. Ans.(a)

S246. Ans.(a)

S247. Ans.(d)

S248. Ans.(d)

S249. Ans.(c)

Sol. Conclusion is the final stage of analysis, search and investigation.

S250. Ans.(d)

Sol. Cold and cool are relative synonyms. In all other pairs, the two words are antonymous to each other.

S251. Ans.(c)

Sol. -1, +3, +1 SERIES except option (c)

S252. Ans.(b)

Sol. -4 series except option (b)

S253. Ans.(d)

Sol. Except 144 all other numbers are perfect cubes.

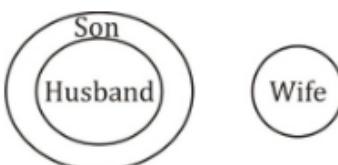
S254. Ans.(d)

S255. Ans.(d)

S256. Ans.(b)

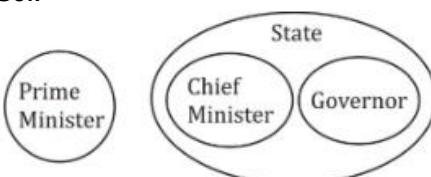
S257. Ans.(d)

Sol.



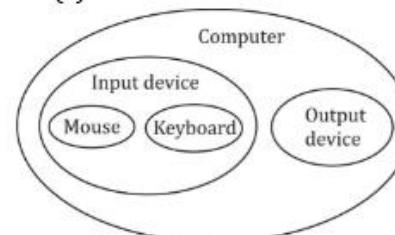
S258. Ans.(a)

Sol.



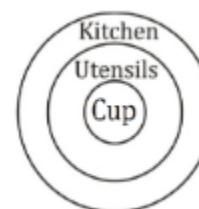
S259. Ans.(c)

Sol.



S260. Ans.(b)

Sol.



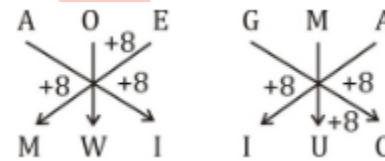
S261. Ans.(d)

Sol.

Iraq – Dinar }  
Korea – Won }  
Currency

S262. Ans.(c)

Sol.



S263. Ans.(b)

Sol.

$\frac{\text{def}}{\text{def}} : \frac{\text{Ihg}}{\text{Ihg}} :: \frac{\text{wxY}}{\text{wxY}} : \frac{\text{Baz}}{\text{Baz}}$

Series in sequence in the first part and reverse sequence in letters in the last of the first part and capital letter in the fi

S264. Ans.(a)

Sol.

$$+2 \begin{pmatrix} 9^2 = 81 \\ 11^2 = 121 \end{pmatrix} \quad +2 \begin{pmatrix} 7^2 = 49 \\ 9^2 = 81 \end{pmatrix}$$

S265. Ans.(a)

S266. Ans.(c)

S267. Ans.(b)

S268. Ans.(a)

S269. Ans.(d)

Sol. Aizawl is the capital of Mizoram

Shillong is the capital of Meghalaya

Agartala is the capital of Tripura

Darjeeling is not the capital state But it is a district in west Bengal.

**S270.** Ans.(d)

**Sol.** -2 pattern, except JM.

**S271.** Ans.(d)

**Sol.** Sum of all the digits is 22 except 67325

**S272.** Ans.(a)

**Sol.**

$$6 \times 2 = 12$$

$$3 \times 8 = 24$$

$$7 \times 8 = 56$$

$$5 \times 7 = 35 \neq 12$$

**S273.** Ans.(a)

**S274.** Ans.(a)

**S275.** Ans.(c)

**S276.** Ans.(c)

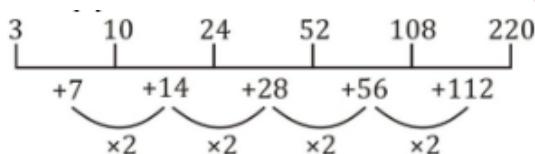
**S277.** Ans.(c)

**S278.** Ans.(a)

**S279.** Ans.(c)

**S280.** Ans.(d)

**Sol.**



**S281.** Ans.(c)

**Sol.**

$$1 \times 2 + 2 = 4$$

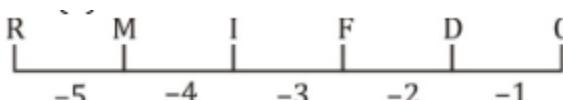
$$4 \times 3 + 3 = 15$$

$$15 \times 4 + 4 = 64$$

$$64 \times 5 + 5 = 325$$

**S282.** Ans.(b)

**Sol.**



**S283.** Ans.(b)

**Sol.** HIM - ACE

$$(8 + 9 + 13) - (1 + 3 + 5) = 21$$

SIP – TAG

$$(19 + 9 + 16) - (20 + 1 + 7) = 16$$

**S284.** Ans.(b)

**Sol.**

$$5 + 3 \div 6 \times 9 - 2 = 21$$

$$5 + 6 \div 3 \times 9 - 2 = 21$$

$$5 + 2 \times 9 - 2 = 21$$

$$5 + 18 - 2 = 21$$

$$23 - 2 = 21$$

$$21 - 21$$

**S285.** Ans.(d)

$$\text{Sol. } 9 \times 4 = 36$$

$$11 \times 18 = 198$$

$$12 \times 10 = 120$$

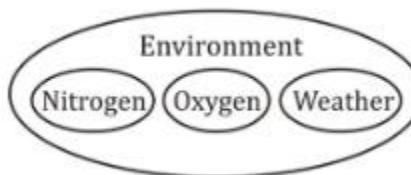
**S286.** Ans.(d)

**S287.** Ans.(d)

**S288.** Ans.(c)

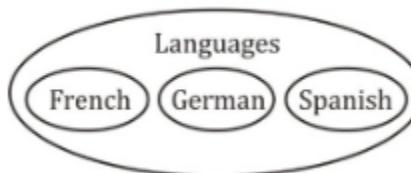
**S289.** Ans.(a)

**Sol.**



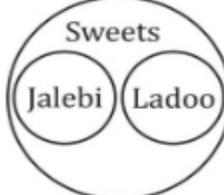
**S290.** Ans.(a)

**Sol.**



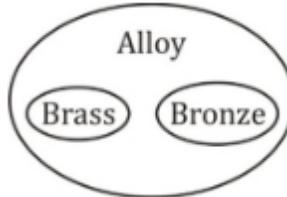
**S291.** Ans.(c)

**Sol.**



**S292.** Ans.(a)

**Sol.**



**S293. Ans.(d)**

**Sol.** Except Enmity, all other words represent Cordial relationship.

**S294. Ans.(c)**

**Sol.** All the other group of letters, contain two consecutive group of letters MN – XY ; AB – PQ ; EF – MN but RSTV is different.

**S295. Ans.(d)**

**Sol.** In all the other pairs , second number is 23 more than the first number.

**S296. Ans.(d)**

**Sol.** In all other groups, the first , third and fifth as well as the second and fourth letters are consecutive. Besides this, the second letter is two steps ahead of the fifth.

**S297. Ans.(b)**

**Sol.** All except Bat belong to the class of Aves (Birds), while bat is a mammal.

**S298. Ans.(d)**

**S299. Ans.(d)**

**S300. Ans.(b)**

**Sol.** Option B is correct that is the part of remaining structure.

**S301. Ans.(c)**

**Sol.** Option C is correct, that follows all structure of image.

**S302. Ans.(d)**

**Sol.** Editor is responsible for preparing a Magazine. Similarly, director is responsible for making a film.

**S303. Ans.(b)**

**Sol.** In first letter the difference is +1 and second letter +2 and third letter having +3 gapping

**S304. Ans.(a)**

**Sol.** the sequence followed according to EHFG to SVTU.

**S305. Ans.(b)**

**Sol.**  $136 + 469 = 605$

? =  $605 - 247 = 358$

**S306. Ans.(a)**

**Sol.** As ,  $3 \times 6 \times 5 = 90$

Similarly ,  $6 \times 2 \times 3 = 36$

**S307. Ans.(d)**

**Sol.** RESULT is coded as SULTRE and BRIGHT is coded as IGHTBR.

**S308. Ans.(d)**

**Sol.** /jik//jik//jik//jik

**S309. Ans.(a)**

**Sol.** yxyyz/yxyyz/yxyyz

**S310. Ans.(d)**

**Sol.** south direction because right turn and and then right turn at last left turn gets south direction.

**S311. Ans.(b)**

**S312. Ans.(d)**

**S313. Ans.(d)**

**S314. Ans.(c)**

**Sol.** The word 'SOLACE' cannot be formed from the original word due to absence of letter 'E'.

**S315. Ans.(b)**

**Sol.** When both 6 and 4 are in the same position of cube, 5 should be opposite to 1.

**S316. Ans.(c)**

**Sol.** In each subsequent figure one dot is added and alternatively dots become white. Again, in each subsequent figure one arrow is deleted.

**S317. Ans.(c)**

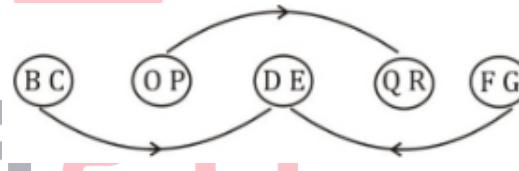
**Sol.** In each subsequent figure one side of square is converted into a curve.

**S318. Ans.(b)**

**Sol.** According to mirror image concept only option (b) correct.

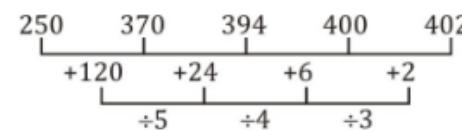
**S319. Ans.(b)**

**Sol.**



**S320. Ans.(c)**

**Sol.**



**S321. Ans.(a)**

**Sol.** All teachers are graduates.

Some players can be both teachers & graduate.

**S322. Ans.(c)**

**Sol.** Leaf, seed & Root are different from each other.

**S323. Ans.(b)**

**Sol.** Some wire are made from copper.

Paper is different from copper and wire.

**S324. Ans.(a)**

**Sol.** Pencil is a stationery item.

Book is a reference item and not a stationery item.

<b>S325. Ans.(c)</b> <b>Sol.</b> Moon is a natural satellite while Earth is a planet.	<b>S342. Ans.(d)</b> <b>Sol.</b> The position of semi circle is correct in figure(d).
<b>S326. Ans.(c)</b> <b>Sol.</b> Baldev Singh was Defence Minister of India while all others were Finance Minister of India.	<b>S343. Ans.(b)</b>
<b>S327. Ans.(d)</b> <b>Sol.</b> Half of first two digits is the third digit except in option(d).	<b>S344. Ans.(c)</b>
<b>S328. Ans.(c)</b> <b>Sol.</b> All others are parts of eye except vision.	<b>S345. Ans.(a)</b>
<b>S329. Ans.(a)</b> <b>Sol.</b> Except Denmark, all others are continents while Denmark is a country.	<b>S346. Ans.(c)</b> <b>Sol.</b> Water, Salt and sugar are different entities from each other.
<b>S330. Ans.(b)</b> <b>Sol.</b> Cerebellum, Medulla Oblongata, Pons are parts of Hind Brain while Cerebrum is the part of Forebrain.	<b>S347. Ans.(b)</b> <b>Sol.</b> All Professors are educated people. Some professors can also be Unemployed.
<b>S331. Ans.(d)</b> <b>Sol.</b> President is the nominal head of the country. Similarly, Governor is the nominal head of the state.	<b>S348. Ans.(c)</b> <b>Sol.</b> Iron is a metal. Wood is not a metal.
<b>S332. Ans.(d)</b> <b>Sol.</b> Despair is antonym of Hope. Similarly, Dishearten is opposite of Encourage.	<b>S349. Ans.(a)</b> <b>Sol.</b> Sparrow is a bird while dog is not a bird.
<b>S333. Ans.(b)</b> <b>Sol.</b> Saint do meditation. Similarly, scientists do research.	<b>S350. Ans.(c)</b> <b>Sol.</b> some speakers are male and vice versa. Some speakers are blind people and vice versa. Some blind people can be male also.
<b>S334. Ans.(d)</b> <b>Sol.</b> Figure (5) resembles with fig (1). Figure(2) should come next in series which resembles with option(d).	<b>S351. Ans.(c)</b> <b>Sol.</b> addition of first and second number is equal to the third number. But in option (c), this is not true
<b>S335. Ans.(d)</b> <b>Sol.</b> ↑ moves one step in horizontal direction rightwards in circular pattern. = also moves one step in horizontal direction rightwards in circular pattern. ☰ moves one step in vertical direction.	<b>S352. Ans.(b)</b> <b>Sol.</b> karakum Desert is a cold winter Desert while all others are Subtropical Desert.
<b>S336. Ans.(b)</b>	<b>S353. Ans.(c)</b> <b>Sol.</b> Ounce is a unit of weight while all others are currencies.
<b>S337. Ans.(c)</b>	<b>S354. Ans.(d)</b> <b>Sol.</b> Second is contained in first except in option (d)
<b>S338. Ans.(c)</b>	<b>S355. Ans.(b)</b> <b>Sol.</b> Pulses are grown in Rabi season while all others are grown in Kharif season.
<b>S339. Ans.(c)</b> <b>Sol.</b> The position of semi-circle is towards open lines except in figure(c).	<b>S356. Ans.(d)</b> <b>Sol.</b> Tuberculosis affects lungs while Typhoid affects Intestine.
<b>S340. Ans.(b)</b> <b>Sol.</b> The lines touches each other except in figure(2).	<b>S357. Ans.(a)</b> <b>Sol.</b> Smoke causes Pollution. Similarly, War causes Destruction.
<b>S341. Ans.(a)</b> <b>Sol.</b> Figure (1) is a regular pentagon while all others are irregular figures.	<b>S358. Ans.(d)</b> <b>Sol.</b> Destroy is opposite of Create. Similarly, Expand is opposite of Condense.
	<b>S359. Ans.(b)</b> <b>Sol.</b> E+1=F, F+2=H, G+3=J; Similarly, L+1=M, M+2, O, N+3=Q;

**S360.** Ans.(d)

**Sol.** AIIMS headquarters is in New Delhi. Similarly, ASI headquarter is in Kolkata.

**S361.** Ans.(c)

**S362.** Ans.(b)

**S363.** Ans.(b)

**S364.** Ans.(c)

**S365.** Ans.(a)

**Sol.** The shade is on the opposite side.

**S366.** Ans.(a)

**Sol.** the symbol in between are interchanged and the rest symbols are mirror images

**S367.** Ans.(c)

**S368.** Ans.(c)

**S369.** Ans.(a)

**S370.** Ans.(c)

**S371.** Ans.(b)

**S372.** Ans.(d)

**S373.** Ans.(d)

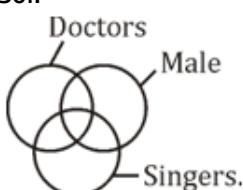
**S374.** Ans.(a)

**S375.** Ans.(d)

**S376.** Ans.(b)

**S377.** Ans.(a)

**S378.** Ans.(d)

**Sol.**

**S379.** Ans.(d)

**S380.** Ans.(b)

**S381.** Ans.(b)

**Sol.** Except – option B all the options follow  $x2+1$  Pattern

$$19 \times 2 + 1 = 39$$

$$25 \times 2 + 3 = 53$$

$$68 \times 2 + 1 = 137$$

$$37 \times 2 + 1 = 75$$

**S382.** Ans.(a)

**Sol.** Except option A all the other option contain 1<sup>st</sup> two letters are small in letter.

**S383.** Ans.(a)

**Sol.** Except steel all the others are pure metals.

**S384.** Ans.(c)

**Sol.** Except five all the other are methods of cooking.

**S385.** Ans.(d)

**Sol.** Except option (d) all the other words contain 3 vowels in each word.

**S386.** Ans.(a)

**Sol.** SPORTS =  $19+16+15+18+20+19=107$

$$107 \times 2 = 214$$

Similarly, SOCIAL =  $19+15+3+9+1+12=59$

$$59 \times 2 = 118$$

**S387.** Ans.(b)

**Sol.**

$$17^2 \rightarrow (17+1)^2 \text{ similarly}$$

$$21^2 + (21+1)^2 = 484$$

**S388.** Ans.(c)

**Sol.** -1, +2, -3, +4 ----- series follows

**S389.** Ans.(c)

**Sol.**

14	18	7	12	5	4	7	12	12	17
N	R	G	L	E	D	G	L	L	Q
Opposite		-3							
M	O	T	I	V	A	T	I	O	N
13	15	20	9	22	1	20	9	15	14

Letters placed on even places is follow -3 sequence and odd place latters are opposite to each other in alphabetical series.

Similarly,  
W H N H Z Q L X I V

is Related to D E M E A N O U R S

**S390.** Ans.(a)

**Sol.**

Follow sequence of +1, +2, +3, +4, +5, +6, +7

**IN S P I R E :** J P V T N X L  
 $\overbrace{\quad\quad\quad}^{+1}\quad\quad\quad\overbrace{\quad\quad\quad}^{+7}$

Similarly,  
**P E R S I S T :** Q G U W N V A  
 $\overbrace{\quad\quad\quad}^{+1}\quad\quad\quad\overbrace{\quad\quad\quad}^{+7}$

**S391.** Ans.(a)

**S392.** Ans.(d)

**S393.** Ans.(c)

**S394.** Ans.(d)

S395. Ans.(d)

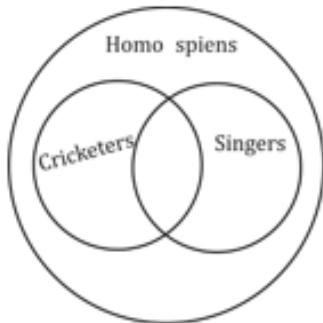
S396. Ans.(b)

Sol. Periodical is involved in weekly and publisher is different.

S397. Ans.(a)

S398. Ans.(b)

Sol.



S399. Ans.(a)

Sol.



S400. Ans.(c)

S401. Ans.(b)

Sol. MBA's employee =  $25 + 12 + 11 + 3 + 5 + 7 = 63$

MBA's male are computer experts but not engineer = 11.

S402. Ans.(d)

Sol.

$$105, 107, 103, \boxed{109}, 101, 111$$

+2                    -2  
+2                    +2

S403. Ans.(b)

Sol.

$$\begin{matrix} & +6 & +6 & +6 \\ +14 & +20 & +26 & +32 \\ +10 & +24 & +44 & +70 & +102 \\ 1 & 11 & 35 & 79 & 149 & 251 \end{matrix}$$

S404. Ans.(a)

Sol.

$$\begin{matrix} -2 & -2 & -2 & -2 & -2 \\ K & I & G & E & C & \boxed{A} \end{matrix}$$

S405. Ans.(c)

Sol.

$$\begin{matrix} +4 & 1/2 & +4 & 1/2 & +4 \\ 40 & 44 & 22 & 26 & 13 & \boxed{17} \end{matrix}$$

S406. Ans.(d)

Sol.

$$\begin{matrix} -3 & -3 & -3 & -3 \\ T & X & B, Q & W, E, N & V, H, K & U, \boxed{H} & T, N \\ -1 & -1 & -1 & -1 & -1 & -1 & -1 \\ +3 & +3 & +3 & +3 & +3 & +3 & +3 \end{matrix}$$

S407. Ans.(d)

S408. Ans.(c)

S409. Ans.(a)

S410. Ans.(b)

S411. Ans.(c)

S412. Ans.(c)

Sol.

$$\begin{matrix} 7 & 2 \rightarrow 14 \\ | \\ 7 \times 2 \end{matrix}$$

$$\begin{matrix} 4 & 5 \rightarrow 20 \\ \backslash & \backslash \\ 4 \times 5 \end{matrix}$$

S413. Ans.(d)

Sol. The choreographer is related to Ballet. Similarly, the Tailor is related to Clothes.

S414. Ans.(c)

Sol.

$$\begin{matrix} 14 & : & 98 & :: & 18 & : & 162 & :: & 26 & : & 338 \\ \frac{14 \times 14}{2} & & \frac{18 \times 18}{2} & & \frac{26 \times 26}{2} & & \end{matrix}$$

S415. Ans.(b)

Sol.

$$\begin{matrix} H & O & S & P & I & T & A & L \\ \downarrow & \downarrow \\ J & L & W & K & O & M & I & C \\ M & E & D & I & C & I & N & E \\ \downarrow & \downarrow \\ 0 & B & H & D & I & B & V & V \end{matrix}$$

**S416. Ans.(c)**
**Sol.**

$$104 : 117 :: 216 : 243$$

$13 \times 8$     $13 \times 9$        $27 \times 8$     $27 \times 9$

**S417. Ans.(c)**
**Sol.** Except 195 all the numbers are prime.

**S418. Ans.(b)**
**Sol.** Court is different from the others as rest is place of living.

**S419. Ans.(d)**
**Sol.** Except option (d) all the other follows.

 $x^2 + x$  pattern.

 Example-  $13^2 + 13 = 182$ 
**S420. Ans.(d)**
**Sol.**

 Except option d all the other follows  $\left(\frac{x}{2}\right)^2$ 
**S421. Ans.(c)**
**S422. Ans.(d)**
**S423. Ans.(a)**
**S424. Ans.(b)**
**S425. Ans.(c)**
**S426. Ans.(d)**
**Sol.** Except (d) all other are Bacterial and virus diseases.

**S427. Ans.(a)**
**Sol.** Except (a) all other follow

$$\left(\frac{14}{2}\right)^2 = 49$$

$$\left(\frac{16}{2}\right)^2 = 64$$

$$\left(\frac{34}{2}\right)^2 = 289$$

$$\boxed{\left(\frac{24}{2}\right)^2 = 144 \neq 142}$$

**S428. Ans.(b)**
**Sol.**

$$17 + 9 = 26$$

 $Q \quad I \quad Z$ 

$$\boxed{8 + 14 = 22 \neq 21}$$

 $H \quad N \quad U$ 

21

$$\boxed{7 + 11 = 18}$$

 $G \quad K \quad R$ 

$$13 + 11 = 24$$

 $M \quad K \quad X$ 
**S429. Ans.(b)**
**Sol.** Except (b) all are synonym of each other.

(b) is antonym of three words.

**S430. Ans.(c)**
**Sol.**

$$(13)^2 + 13 \rightarrow 182$$

$$(25)^2 + 25 \rightarrow 650$$

$$(18)^2 + 18 \rightarrow 342 \neq 306$$

$$(23)^2 + 23 \rightarrow 552$$

**S431. Ans.(d)**
**S432. Ans.(a)**
**S433. Ans.(c)**
**S434. Ans.(d)**
**S435. Ans.(b)**
**S436. Ans.(b)**
**Sol.** Diligent is related to Industrious with relation to synonyms.

**S437. Ans.(a)**
**Sol.** Gallop is running related to Horse in the same way.

Scamper is moving fast related Mouse

**S438. Ans.(c)**
**Sol.** Crocodile is related to snake as both comes under reptiles.

Similarly Iguana is related to Chameleon as both comes under reptiles.

**S439. Ans.(c)**

$$7 \times 2 = 14$$

**Sol.**

$$\text{Similarly } 4 \times 5 = 20.$$

**S440. Ans.(b)**
**Sol.** Unit of power is watt Similarly unit of Pressure is pascal.

**S441. Ans.(a);**

$$3^*6^*5 = 90$$

 Similarly,  $6^*2^*3 = 36$ 
**S442. Ans.(c)**
**Sol.**

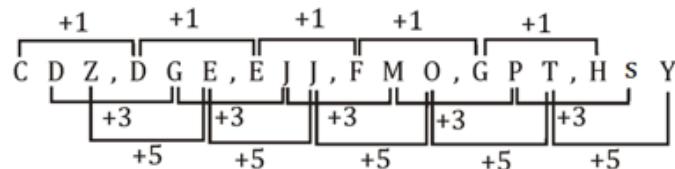
$$\begin{array}{ccccccc}
 1 & 4 & 13 & 40 & 121 & 364 \\
 & \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow \\
 & +(1 \times 3) & +(3 \times 3) & +(9 \times 3) & +(27 \times 3) & +(81 \times 3) & \\
 & =3 & =9 & =27 & =81 & =243 &
 \end{array}$$

**S443. Ans.(b)**
**Sol.**

$$\begin{array}{ccccccc}
 84 & 42 & 44 & 22 & 24 & 12 & 14 \\
 & \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow \\
 & \div 2 & +2 & \div 2 & +2 & \div 2 & +2
 \end{array}$$

S444. Ans.(b)

Sol.



S445. Ans.(b)

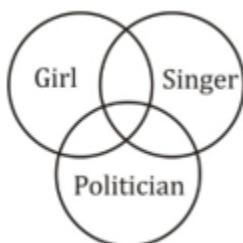
S446. Ans.(c)

Sol.



S447. Ans.(b)

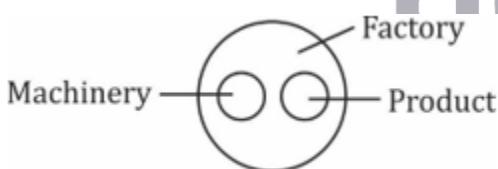
Sol.



S448. Ans.(b)

S449. Ans.(b)

Sol.



Machinery and product are entirely different, but both are present in a factory.

S450. Ans.(b)

S451. Ans.(c)

S452. Ans.(c)

S453. Ans.(a)

S454. Ans.(c)

Sol.  $24/8 = 3, 32/8 = 4$

S455. Ans.(c)

Sol.  $212 + 224 = 436, 560 + 224 = 784$

S456. Ans.(d)

S457. Ans.(b)

S458. Ans.(d)

S459. Ans.(c)

S460. Ans.(d)

S461. Ans.(c)

Sol. C J K

S462. Ans.(a)

Sol. Employed educated men

S463. Ans.(d)

Sol. 5 Depicts

S464. Ans.(a)

Sol. A, B are the architects who are also geologists.

S465. Ans.(a)

S466. Ans.(c)

S467. Ans.(a)

S468. Ans.(b)

S469. Ans.(a)

S470. Ans.(d)

