AFCAT PREVIOUS YEAR PAPER 2018 (MEMORY BASED)

DIRECTIONS (Qs. 1-3): Out of the four alternatives, choose the one which best expresses the meaning of the given word.

Q1. POLTROON
(a) Pusillanimous
(b) Gallant
(c) Gutsy
(d) Wearied

Q2. ROSTRUM
(a) Guardian
(b) Podium
(c) Device
(d) Scheme

Q3. PROROGUE
(a) Adjourn
(b) Convene
(c) Rally
(d) Continue

DIRECTIONS (Qs. 4-6): In the following questions, choose the word opposite in meaning to the given word.

Q4. LUCRE
(a) Debt
(b) Elegance
(c) Outlaw
(d) Sissy

Q5. RABBLE
(a) Rag
(b) Nobility
(c) Scanty
(d) Sanction

Q6. COTERIE
(a) Loner
(b) Socialize
(c) Elite

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(d) Indecent

DIRECTIONS (Qs. 7-10): In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select No Error'.

Q7. It was being hard to believe (A) /that my brother could be (B) /involved in anything so sinister. (C) /No error(D)

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

Q8. The average age at which (A) /people die of heart diseases (B) /are decreasing. (C) /No error (D)

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

Q9. Hardly had I stepped (A) /out of my house when (B) /I saw them coming towards my house. (C) /No error(D)

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

Q10. The last Mughal emperor was (A) /send into exile (B) /by the British. (C) / No error (D).

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

DIRECTIONS (Qs. 11-13): Read the passage carefully and choose the best answer to each question out of the four alternatives.

In the world have we made health an end in itself? We have forgotten that health is really a means to enable a person to do his work and do it well. A lot of modern medicine is concerned with promotion of good health. Many patients as well as many physicians pay very little attention to health; but very much attention to health makes some people imagine that they are ill. Our great concern with health is shown by the medical columns in newspaper, the health articles in popular magazines and the popularity of the

Television programme and all those books on medicine we talk about health all the time. Yet for the most only result is more people with imaginary illnesses. The healthy man should not be wasting any time talking about health, he should be using health for work, the work he does and the work that good health makes possible.

Q11. Modern medicine is primarily concerned with:
(a) promotion of good health
(b) people suffering from imaginary illnesses
(c) people suffering from real illnesses
(d) increased efficiency in work

Q12. A healthy man should be concerned with:
(a) his work which good health makes possible
(b) looking after his health
(c) his health which makes work possible
(d) talking about health

Q13. Our great concern with health is shown by?
(a) free medicine distribution in hospitals
(b) free education to medical students
(c) taking yoga classes
(d) the health articles in popular magazines

DIRECTIONS (Qs. 14-17): In the following questions four alternatives are given for idioms/phrases in now Choose the one that best expresses the meaning of the given idiom/phrase.

Q14. Brain sauce
(a) Foolish
(b) Wisdom
(c) Mentally ill
(d) Head full of thoughts

Q15. Lynch law
(a) Law imposed by the government
(b) Law of the mob
(c) A law that is supposed to be useless
(d) A rule that no one follows

Q16. Globetrotters
(a) Travelers around the world
(b) Sick people in hospital

(c) The people living in asylum
(d) World champions

Q17. Dole out
(a) Allocate
(b) Be effective
(c) Turn up
(d) Mismanage

DIRECTIONS (Qs. 18-20): In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
Some scholars, while exploring the forests of America, discovered some buildings that were in ruins. These buildings were (18) _____ ruined by encroaching forest. They were remnants of a (19) _____ civilization. The scholars got interested. They excavated more and discovered (20) _____ their utmost surprise the remains of a flourishing civilization-the Mayas as they named it.

Q18.
(a) reasonably
(b) surely
(c) apparently
(d) perfectly

Q19.
(a) great
(b) invisible
(c) static
(d) ordinary

Q20.
(a) at
(b) for
(c) by
(d) to

DIRECTIONS (Qs. 21-25): In the following questions, sentences are given with blanks to be filed in with an appropriate word(s) . Four alternatives are suggested for each question. Choose the correct alternative out of the four as your answer.

Q21. Grandmother has a good memory; she can remember things which _____many years ago.
(a) had happened
(b) have happened

(c) happened
(d) happens to be

Q22. I _____ her among the crowd just now.
(a) have glimpsed
(b) had glimpsed
(c) have been glimpsing
(d) glimpsed

Q23. Lost time is _____ again, and what we call time enough always proves little enough.
(a) found never
(b) find never
(c) never found
(d) never been found

Q24. To such a degree _____ that people rebuked him.
(a) he made a noise
(b) did he make a noise
(c) he had made a noise
(d) did he make noise

Q25. I'm going to adopt her as_____ as Julie and I get married.
(a) sooner
(b) quickly
(c) earlier
(d) soon

Q26. In 4 x 100 m race, which nation holds the record?
(a) Nigeria
(b) USA
(c) Kenya
(d) Jamaica

Q27. Which Continent has the largest coastline?
(a) Asia
(b) North America
(c) South America
(d) Africa

Q28. Which game is Geet Sethi associated with?
(a) Squash
(b) Table Tennis
(c) Billiards
(d) Golf

Q29. In which state of India "Than Ta Dance" is related?
(a) Meghalaya
(b) Manipur
(c) Assam
(d) Sikkim

Q30. When our Constitution was adopted?
(a) 26 November 1949
(b) 26 January 1949
(c) 26 January 1950
(d) 26 November 1950

Q31. The Hardest substance on the Earth?
(a) Iron
(b) Silver
(c) Diamond
(d) Lead

Q32. The language of Ashoka's Inscription?
(a) Sanskrit
(b) Tamil
(c) Prakrit
(d) Parthian

Q33. Who was awarded first Bharat Ratana?
(a) M. Visvesvaraya
(b) Sarvepalli Radhakrishnan
(c) Govind Ballabh Pant
(d) Rajendra Prasad

Q34. The first Modern Olympic held where and which city?
(a) France
(b) Britain

(c) Cuba
(d) Greece

Q35. Oldest Mountain range in India?
(a) Himalaya
(b) Aravali
(c) Satpura
(d) Nilgiri

Q36. Number of Players in Basket Ball?
(a) 11
(b) 9
(c) 7
(d) 5

Q37. Shuddhi Movement was run by?
(a) Arya Samaj
(b) Brahmo Samaj
(c) Prarthana Samaj
(d) None of these

Q38. ISRO's Satish Dhawan Space Center is located at which place?
(a) Andhra Pradesh
(b) Telangana
(c) Tamil Nadu
(d) Odisha

Q39. The Author of the book "The Golden Threshold"?
(a) R. K Narayan
(b) Sarojini Naidu
(c) Jhumpa Lahiri
(d) Arundhati Roy

Q40. The founder of Stavahana Dynasty?
(a) Satakarni
(b) Simuka
(c) Pulumavi
(d) Kanha

Q41. Who is the Father of the Indian Space Program?
(a) Vikram Ambalal Sarabhai
(b) A. P. J. Abdul Kalam
(c) Homi Jehangir Bhabha
(d) Satyendra Nath Bose

Q42. Uber cup is related to which sport?
(a) Cricket
(b) Badminton
(c) Football
(d) Tennis

Q43. Who is the youngest grandmaster in India?
(a) Parimarjan Negi
(b) D. Gukesh
(c) Krishnan Sasikiran
(d) Surya Shekhar

Q44. From which country India bought C-17 transport aircraft?
(a) Iran
(b) France
(c) USA
(d) Germany

Q45. Which country organized Asian games maximum number of times?
(a) Japan
(b) China
(c) Thailand
(d) India

Q46. Agra city was founded by –
(a) Sikandar Lodhi
(b) Babar
(c) Akbar
(d) Shah Jahan

Q47. The visible part of the sun is called —
(a) Chromosphere
(b) Photosphere

(c) Corona
(d) Core

Q48. Ozone layer located in which layer –
(a) Stratosphere
(b) Troposphere
(c) Mesosphere
(d) Exosphere

Q49. Who is the chairman of the constitution drafting committee—
(a) Alladi Krishnaswami Ayyar
(b) N. Gopalaswami
(c) B. R. Ambedkar
(d) K. M Munshi

Q50. UN was established on?
(a) 1944
(b) 1945
(c) 1942
(d) 1946

Q51. Car A is travelling at 60 kmph towards northwest creating an angle 42° to north and Car B is travelling towards South West at 80 kmph creating an angle 48° degree to South. Both are started from same point. Find distance between A and B after one hour?
(a) 1001cm
(b) 120km
(c) 150km
(d) 90km

Q52. Average age of n students who promoted in class VIII is Y years. Three more students included in class whose ages are Y-1, Y-2 and Y+3 years. Find their average age when they promoted in class Xth.
(a) Y
(b) Y^3
(c) Y+2
(d) Y+5

Q53. Difference between two stations X and Y is 500 km one train starting from X move toward Y with 20 km/h and another train move toward X from Y with the speed 30km/h. What is the distance of the point where both train cross each other from point X.

(a) 400km
(b) 200km
(c) 300km
(d) 100km

Q54. The average monthly rainfall is 2. 7inch, the average of first 7 months rainfall is 1. 1 less than the average of yearly rainfall and rainfall of other four months is 20. 3 what is the average rainfall of the last month?
(a) 0. 9
(b) 10
(c) 2. 1
(d) 13

Q55. X, Y and Z have some monkey in the ratio 4:3:8. If 2 monkey run away from X and 4 monkey run away Z than the ratio become 3:3:8 how many monkey they initially had?
(a) 10
(b) 20
(c) 40
(d) 30

Q56. A is 5 times efficient as of B. A completes a piece of work in 60 days less than B, how many time will they take individually?
(a) 15 days,75 days
(b) 13 days, 65 days
(c) 15 days, 60 days
(d) 17 days, 85 days

Q57. A man bought watch and pen-drive at 1564 each. And one sold for 23% profit and other sold for 23% loss. What is overall profit or loss?
(a) 0%
(b) 23%
(c) 46%
(d) 0%

Q58. A and B earn in the ratio 2:1. They spend in the ratio 5:3 and save in the ratio 4:1. If the total monthly savings of both A and B are Rs. 5000, the monthly income of B is-
(a) Rs. 7,000
(b) Rs. 14,000
(c) Rs. 5,000

(d) Rs. 10,000

Q59. 240 men can finish a work in 20 days working 5 hours a day. To finish the work within 10 days working 8 hours a day, the minimum number of men required is-
(a) 310
(b) 300
(c) 315
(d) 312

Q60. While selling, a businessman allows 40% discount on the marked price and there is a loss of 30%. If it is sold at the marked price, profit per cent will be —
(a) 10%
(b) 20%
(c) 16. 68%
(d) 16. 25%

Q61. The average salary of all the staff in an office of a corporate house is Rs. 5,000. The average salary of the officers is Rs. 14,000 and that of the rest is Rs. 4,000. If the total number of staff is 500, the number of officers is—
(a) 10
(b) 15
(c) 25
(d) 50

Q62. 60% of the cost price of an article is equal to 50% of its selling price. Then the percentage of profit or loss on the cost price is-
(a) 20% loss
(b) $16\frac{2}{3}$% profit
(c) 20% profit
(d) 10% loss

Q63. There are in all, 10 balls; some of them are red and the others white. The average cost of all balls is Rs. 28. If the average cost of red balls is Rs. 25 and that of white balls is Rs. 30, the number of white balls is:
(a) 3
(b)
(c) 6
(d) 7

Q64. Either 8 men or 17 women can paint a house in 33 days. The number of days required to paint three such houses by 12 men and 24 women working at the same rate is:
(a) 44
(b) 43
(c) 34
(d) 66

Q65. The difference between simple and compound interest on a sum of money at 5% p. a. for 2 years. is Rs. 100. The sum of money must be.
(a) Rs. 35, 000
(b) Rs. 41, 000
(c) Rs. 40, 000
(d) Rs. 45, 000

Q66. If $\sqrt{2}$ = 1. 4142, find the value of
$2\sqrt{2} + \sqrt{2} + \frac{1}{2+\sqrt{2}} + \frac{1}{\sqrt{2}-2}$

(a) 1. 4144
(b) 2. 8284
(c) 28284
(d) 2. 4142

Q67. An alloy contains copper, zinc and nickel in the ratio of 5: 3: 2. The quantity of nickel in kg that must be added to 100 kg of this alloy to have the new ratio 5: 3: 3 is
(a) 8
(b) 10
(c) 12
(d) 15

Q68. The ratio of the ages of Ram and Rahim 10 years ago was 1: 3. The ratio of their ages five years hence will be 2: 3. Then the ratio of their present ages is
(a) 1: 2
(b) 3: 5
(c) 3: 4
(d) 2: 5

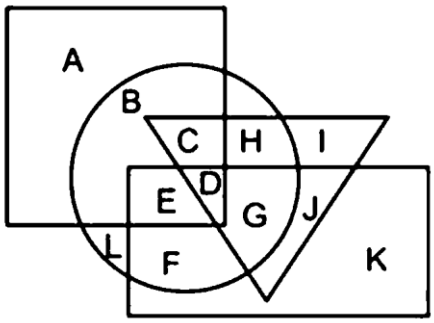
DIRECTIONS (Qs. 69-71): In each of the following questions, select the related letter/word/ figure/ number from the given alternatives.
Q69. Microphone : Loud :: Microscope : ?

(a) Elongate
(b) Investigate
(c) Magnify
(d) Examine

Q70. Sound : Medium : : Light : ?
(a) Air
(b) Vacuum
(c) Water
(d) Glass

Q71. Democracy : India : : Communism : ?
(a) France
(b) China
(c) Britain
(d) America

Q72. In the following figure, rectangle represents Opticians, circle represents Art critics, triangle represents Riders and square represents Boxes. Which set of letters represents Art critics who are not Riders?



(a) BLFP
(b) U
(c) CHDG
(d) EDGJ

DIRECTIONS (Qs. 73-74) : In the following question, select the related word pair from the given alternatives.
Q73. School : Education :: ? : ?
(a) Scalpel : Teacher
(b) Hospital : Treatment
(c) Teacher : School

(d) Class : College

Q74. 5:125::7:?
(a) 343
(b) 512
(c) 243
(d) 729

DIRECTIONS (Qs. 75-76) : In the following question, select the one which is different from the other three responses.
Q75.
(a) Daring : Timid
(b) Beautiful : Pretty
(c) Clear : Vague
(d) Youth : Adult

Q76.
(a) Fish : Shoal
(b) Cow: Herd
(c) Sheep : Flock
(d) Man : Mob

DIRECTIONS (Qs. 77-79) : For the following questions Find the odd word / letter I number from the given alternative.
Q77.
(a) Rival
(b) Opponent
(c) Foe
(d) AllY

Q78.
(a) POCG
(b) KLIZ
(c) BUDX
(d) FQMV

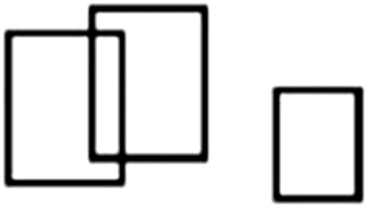
Q79.
(a) Farmer
(b) Blacksmith

(c) Cobbler
(d) Helper

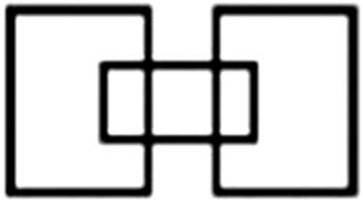
Q80. Which one of the following diagram represents the correct relationship among Professor, Male and Female.

(a)

(b)



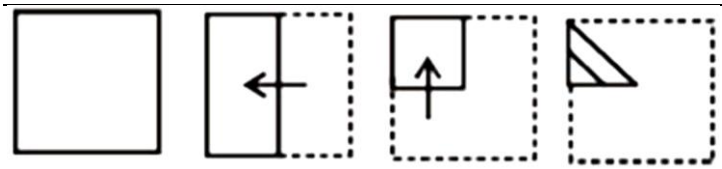
(c)



(d)

Q81. A's birthday is on Friday 30th June. Find the day of the week on which B's birthday in the same year if B was born 15th November ?
(a) Tuesday
(b) Wednesday
(c) Monday
(d) Sunday

Q82. A piece of paper is folded and cut. From the figures given, indicate how it will appear when opened



(a)

(b)

(c)

(d)

Q83. Which answer figure will complete the pattern in the following question figure?

(a)

(b)

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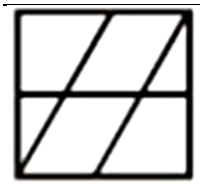
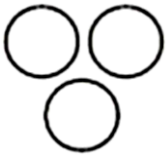


(c)

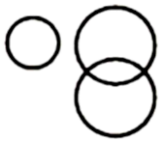
(d)

Q84. Which one of the following diagram represents the correct relationship among Pink, Blue and Fruit.

(a)

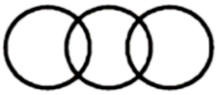


(b)



(c)

(d)



Q85. Which one of the following diagram represents the correct relationship among Brain, Cerebrum, Liver and Human body.

(a)

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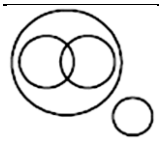
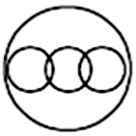


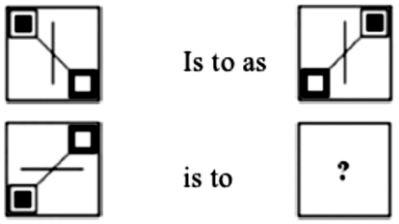
(b)

(c)



(d)

Q86. Which figure completes the statement?



(a)

(b)

(c)

(d)

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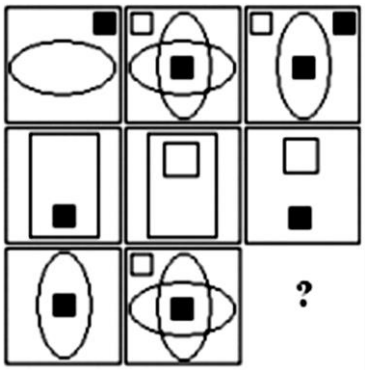
Q87. Look at the patterns in the squares and understand their relationship to one another so as to fill in the square with missing symbols.



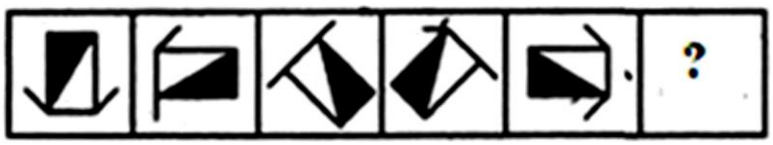
(a)

(b)

(c)

(d)

Q88. Replace '?' by the appropriate figure from the given options.



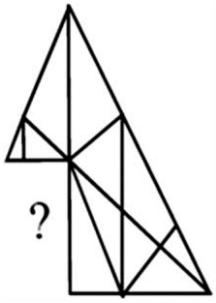
(a)

(b)

(c)

(d)

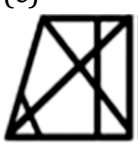
Q89. Which answer figure will complete the question figure?



(a)

(b)

(c)



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(d)

Q90. Which answer figure will complete the question figure'?

(a)

(b)

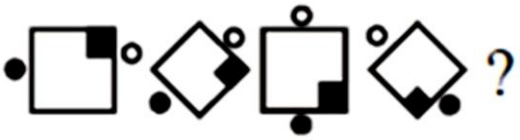
(c)

(d)

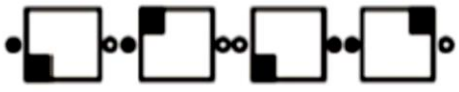
DIRECTIONS (Qs. 91-93) : Complete the series of figures, by selecting correct answer figure, from the given responses.

Q91.

Question Figures:



Answer Figures:



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

Q92.

Question Figures:

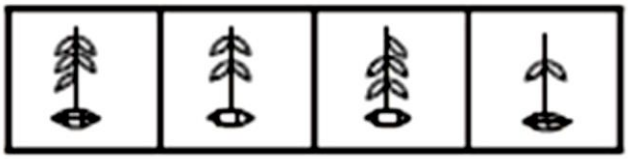
Answer Figures:

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

Q93.

Question Figures:

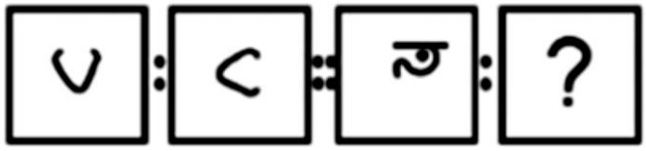
Answer Figures:



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

Q94.

Question Figures:

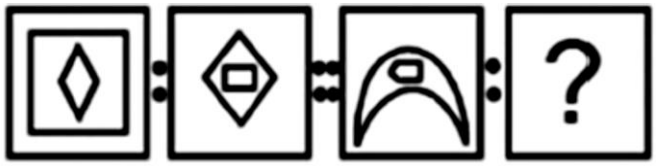


Answer Figures:

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

Q95.

Question Figures:

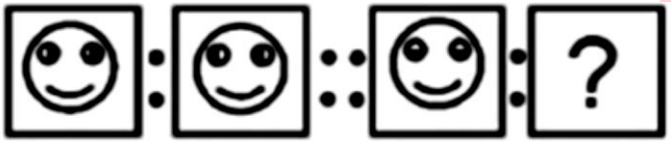


Answer Figures:

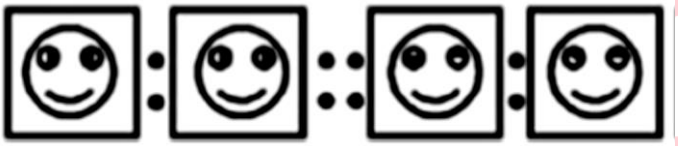
(a) (b) (c) (d)

Q96.

Question Figures:



Answer Figures:



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

DIRECTIONS (Qs. 97-98) : In each question below are given some statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows/follow from the given statements, disregarding commonly known facts.

Give answer

(a) If only conclusion I follows.

(b) If only conclusion II follows.

(c) If either conclusion I or II follows.

(d) If neither conclusion I nor II follows.

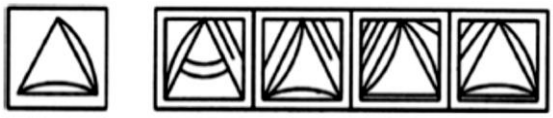
Q97. Statements:

All shirts are skirts.

No skirt is top.
All tops are kurta.
Conclusions:
I. All shirts are kurta
II. Some kurta are skirts.

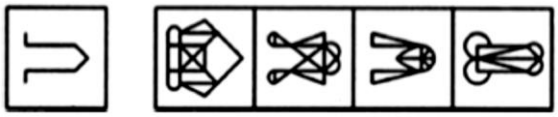
Q98. Statements:
All September are October.
No October is November.
No November is December.
Conclusions:
I. Some September are not Novembers IL No October is December.

DIRECTIONS (Qs. 99-100) : In each of the following questions, you are given a figure M followed by four alternative figures (1) , (2) , (3) and (4) such that figure (X) is embedded in one of them. Trace out the alternative figure which contains fig. a9 as its part.
Q99. Find out the alternative figure which contains figure (X) as its part.



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

Q100. Find out the alternative figure which contains figure (X) as its part.



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