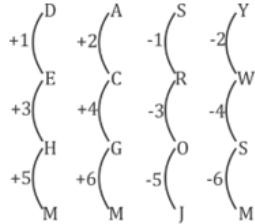


200 Important Reasoning Questions for AAI JE ATC 2023 Exam (Solutions)

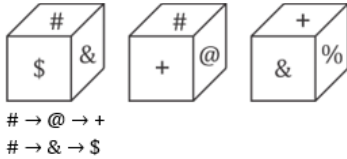
S1. Ans.(b)

Sol.



S2. Ans.(a)

Sol.



S3. Ans.(b)

Sol. Delay is an antonym of Advance. Similarly, deplete is an antonym of Enrich.

S4. Ans.(b)

S5. Ans.(c)

Sol. Number: $\{(Number+1)^2 + Number - 1\}$

$$9 : [(9+1)^2 + 9 - 1] \Rightarrow 9 : 108$$

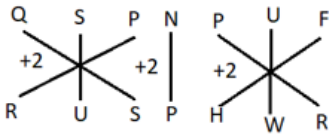
Similarly,

$$10 : [(10+1)^2 + 10 - 1] \\ = 10 : [121 + 10 - 1] \Rightarrow 10 : 130$$

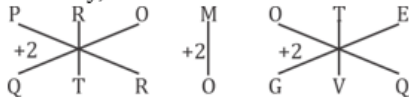
S6. Ans.(d)

S7. Ans.(b)

Sol.

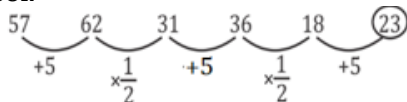


Similarly,



S8. Ans.(d)

Sol.



S9. Ans.(c)

S10. Ans.(d)

Sol. Let the present age of Riya = x years

Aastik's Present age = 2x

10 years ago, Aastik's age = 2x - 10

A.T.Q.,

$$2x - 10 = 3(x - 10)$$

$$x = 20 \text{ years}$$

S11. Ans.(a)

Sol. N P R T V W is the correct series.

So, the answer is option (a).

S12. Ans.(b)

S13. Ans.(a)

Sol. [Number, (Number + 1)² - 1, (Number + 2)² - 2]

$$\Rightarrow [7, (7+1)^2 - 1, (7+2)^2 - 2] \Rightarrow [7, 63, 79]$$

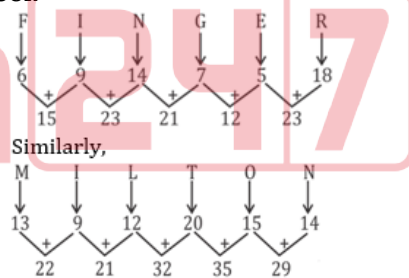
Similarly,

$$\text{Option (a)} [5, (5+1)^2 - 1, (5+2)^2 - 2] \Rightarrow [5, 35, 47]$$

S14. Ans.(a)

S15. Ans.(a)

Sol.



S16. Ans.(d)

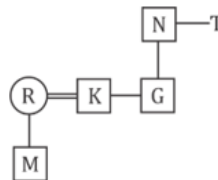
S17. Ans.(c)

Sol. Algophobia → fear of pain

Heliophobia → fear of sunlight

S18. Ans.(b)

Sol.



S19. Ans.(c)

Sol. By interchanging 13 and 43.
 $731 \div 43 + 450 - 25 \times 13 = 142$
 $\Rightarrow 17 + 450 - 325 = 142$
 $\Rightarrow 17 + 125 = 142$
 $\Rightarrow 142 = 142$

S20. Ans.(c)

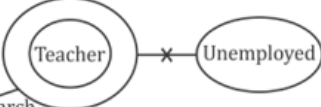
Sol. $(1+5) \times (2+8) = 60$
 $(3+4) \times (2+7) = 63$
 $(3+6) \times (9+4) = 99$

S21. Ans.(b)

Sol.
 Number : $(\text{Number})^2 - (\text{Sum of digits of square})$
 11 : $121 - 4 = 117 \neq 119$
 12 : $144 - 9 = 135 = 135$
 21 : $441 - 9 = 432 \neq 440$
 15 : $225 - 9 = 216 \neq 228$

S22. Ans.(a)

Sol.



Conclusion:-

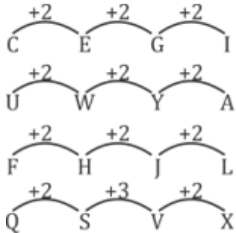
- I.
- II.
- III.

S23. Ans.(b)

Sol. 6, 3, 1, 2, 4, 5

S24. Ans.(d)

Sol.

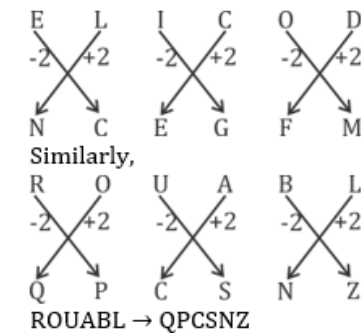



S25. Ans.(b)

Sol. $55 \div 5 + 44 \times 4 - 108 = 11 + 176 - 108 = 79$

S26. Ans.(b)

Sol.



ROUABL \rightarrow QPCSNZ

S27. Ans.(c)

Sol.
 Logic
 $(57, 10, 43) \rightarrow 57 + 43 = \sqrt{100} = 10$ Similarly $(100, 12, 44) = (100 + 44) = \sqrt{144} = 12$
 $(94, 14, 102) = \sqrt{94 + 102} = 14$
 $(98, 13, 71) = 98 + 71 = \sqrt{169} = 13$
 $(96, 15, 95) = 96 + 95 = \sqrt{191} \neq$

S28. Ans.(a)

Sol.
 HBLEAX \rightarrow ABEHLX
 Similarly, - INDERH \rightarrow DEHINR
 (Alphabetical order)

S29. Ans.(a)

Sol.
 Logic $\rightarrow (6, 16, 8) \rightarrow 6 \times 8 = \frac{48}{3} = 16$
 Similarly, $(5, 15, 9) \rightarrow 9 \times 5 = \frac{45}{3} = 15$

S30. Ans.(d)

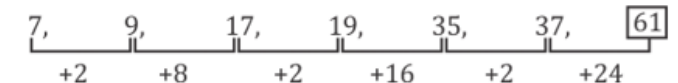
Sol.
 Logic $\rightarrow 8^2 = 64 - 5 = 59$
 $9^2 = 81 - 5 = 76$
 $11^2 = 121 - 5 = 116 \neq 117$
 $10^2 = 100 - 5 = 95$

S31. Ans.(a)

Sol.
 Logic $\rightarrow 7 : 32 = \frac{(7+1)^2}{2} = \frac{64}{2} = 32$
 I $9 : 50 \rightarrow \frac{(9+1)^2}{2} = 50$

S32. Ans.(a)

Sol.



S33. Ans.(d)

Sol.

c c p e p f

Series → c p d f e / c p d f e / c p d f e

S34. Ans.(c)

Sol.

$$550 + 128 \div 16 \times 12 - 443 = 203$$

$$550 + 96 - 443 = 203$$

$$203 = 203$$

S35. Ans.(a)

Sol.

Two number are 9 and 4

$$9 - 4 = 5$$

$$94 - 49 = 45$$

$$\text{Original number} = 94$$

S36. Ans.(c)

Sol.

P $\xrightarrow{+2}$ R N $\xrightarrow{-4}$ J H $\xrightarrow{+2}$ J L $\xrightarrow{-4}$ H
 B $\xrightarrow{+2}$ D E $\xrightarrow{-3}$ B X $\xrightarrow{+2}$ Z U $\xrightarrow{-4}$ Q

S37. Ans.(b)

Sol.

Logic →

SON
 $1 + 9 + 1 + 5 + 1 + 4 = 21$

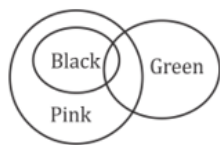
DAUGHTER
 $4 + 1 + 2 + 1 + 7 + 8 + 2 + 0 + 5 + 1 + 8 = 39$

Similarly,

FATHER → $6 + 1 + 2 + 0 + 8 + 5 + 1 + 8 = 31$

S38. Ans.(b)

Sol.



S39. Ans.(c)

Sol. Obstacle, Interference and hindrance have the same meaning whereas progress have different meaning.

S40. Ans.(b)

Sol.

Perk → Pick → Pile → Pith → Pour

4, 1, 3, 2, 5

S41. Ans.(c)

Sol.

line → Triangle → Square → Hexagon → octagon

5, 2, 1, 3, 4

S42. Ans.(a)

Sol. Dancer either swimmers or Painter Not both = $9 + 4 + 5 + 10 = 28$

S43. Ans.(c)

Sol. As Death related to illness

Similarly, Success related to Hard work.

S44. Ans.(a)

Sol.

3, 16, 65, 196, 393, 394
 $3 \times 5 + 1$ $16 \times 4 + 1$ $65 \times 3 + 1$ $196 \times 2 + 1$ $393 \times 1 + 1$

S45. Ans.(b)

S46. Ans.(a)

S47. Ans.(d)

Sol.

Opposite face's

3	4	1
↓	↓	↓
3	6	2

S48. Ans.(c)

S49. Ans.(a)

S50. Ans.(c)

S51. Ans.(d)

$$\text{Sol. } 65 \div 5 + 45 \times 2 - 30 = 73$$

$$\Rightarrow 13 + 90 - 30 = 73$$

$$\Rightarrow 103 - 30 = 73$$

$$73 = 73$$

S52. Ans.(a)

$$\text{Sol. } 36 - 10 = (26)^2 \times 2 = 1352$$

$$29 - 8 = (21)^2 \times 2 = 882$$

S53. Ans.(c)

$$\text{Sol. (a) } 15 \Rightarrow (15)^2 \times 3 = 675$$

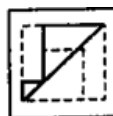
$$(b) 13 \Rightarrow (13)^2 \times 3 = 507$$

$$(c) 9 \Rightarrow (9)^2 \times 3 = 243$$

$$(d) 11 \Rightarrow (11)^2 \times 3 = 363$$

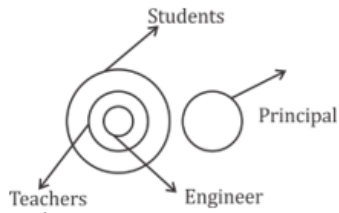
S54. Ans.(d)

Sol. Clearly, the question figure is embedded in figure (d) only.



S55. Ans.(a)

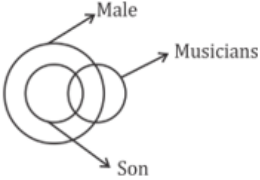
Sol.



- I. ✓
- II. ✓
- III. ✓

S56. Ans.(a)

Sol.



S57. Ans.(b)

Sol. female/female/female/female

S58. Ans.(b)

Sol.

S59. Ans.(a)

Sol.

$\Rightarrow (18)^2 + 4 = 328$
 $\Rightarrow (21)^2 + 4 = 445$
 $\Rightarrow (22)^2 + 4 = 488$

S60. Ans.(c)

Sol. Ist dice $\Rightarrow I \rightarrow E \rightarrow A$
 IIIrd dice $\Rightarrow I \rightarrow U \rightarrow 9$

S61. Ans.(b)

Sol.

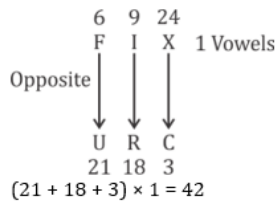
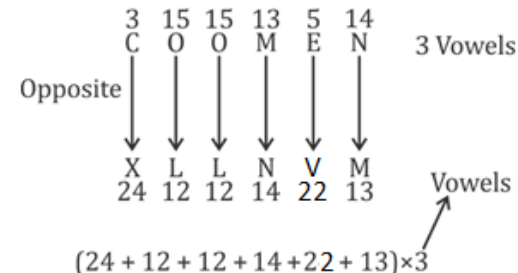
$\frac{85}{\times 2+2} \quad \frac{19}{\times 2-2} \quad \frac{36}{\times 2+2} \quad \frac{74}{\times 2-2} \quad \frac{146}{\times 2-2}$

S62. Ans.(d)

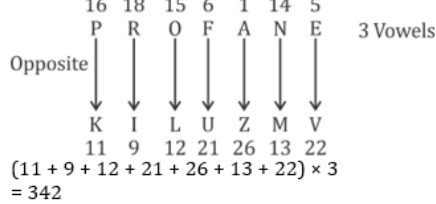
Sol. 1, 5, 2, 3, 4

S63. Ans.(a)

Sol.



Similarly



S64. Ans.(c);

Sol. Except C, all others are capital of states.

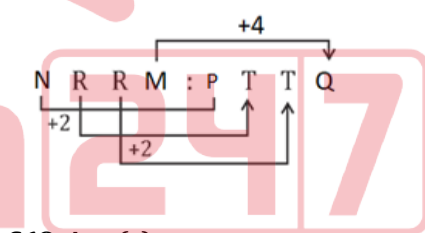
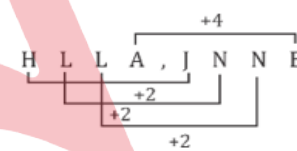
S65. Ans.(a)

Sol. Insomnia indicate sleep and Depression indicate mood.

S66. Ans.(d)

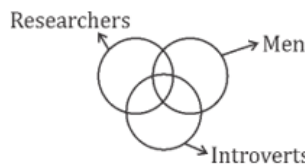
S67. Ans.(a)

Sol.



S68. Ans.(c)

Sol.



S69. Ans.(c)

Sol. $17 - 5 = 12 \times 5 = 60$

$21 - 6 = 15 \times 5 = 75$

$18 - 9 = 9 \times 5 = 45$

S70. Ans.(d)

Sol. (a) $(7)^3 + (7)^2 = 343 + 49 = 392$

(b) $8^3 + 8^2 = 512 + 64 = 576$

(c) $3^3 + 3^2 = 27 + 9 = 36$

(d) $(4)^3 + (4)^2 = 80$

S71. Ans.(a)

Sol.

$$\left(23 \times \frac{16}{2} = 184\right)$$

In the same way

$$\left(27 \times \frac{28}{2} = 378\right)$$

S72. Ans.(b)

Sol.

S H A R M A S H A R M A S H A R M A

S73. Ans.(b)

Sol.

S A J I T
 ↓ ↓ ↓ ↓ ↓
 H Z Q R G
 ↓ ↓ ↓ ↓ ↓
 8 26 17 18 7
 2× 2× 2× 2× 2×
 ↓ ↓ ↓ ↓ ↓
 16 52 34 36 14

F I X
 ↓ ↓ ↓
 U R C
 21 18 3
 2× 2× 2×
 ↓ ↓ ↓
 42 36 6

Now,
 P L A S T I C
 ↓ ↓ ↓ ↓ ↓ ↓ ↓
 K O Z H G R X
 ↓ ↓ ↓ ↓ ↓ ↓ ↓
 11 15 26 8 7 18 24
 2× 2× 2× 2× 2× 2× 2×
 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
 22 30 52 16 14 36 48

S74. Ans.(d)

Sol. Except love all belongs to same category.

S75. Ans.(a)

Sol.

I N E R T I A
 +6 Opposite -6 Opposite +6 Opposite -6
 ↓ ↓ ↓ ↓ ↓ ↓ ↓
 O M Y I Z R U

Similarly,

P A N C H A L
 +6 0 -6 0 +6 0 -6
 ↓ ↓ ↓ ↓ ↓ ↓ ↓
 V Z H X N Z F

S76. Ans.(b)

Sol.

R → Reverse value → 27 - 18 = 9

E → Reverse value → 27 - 5 = 22

RE = R * E = 9 * 22 = 198

Similarly,

S → Reverse value → 27 - 19 = 8

T → Reverse value → 27 - 20 = 7

ST = 8 * 7 = 56

S77. Ans.(b)

Sol. We know,

Fear of Darkness is known as Scotophobia. Similarly, fear of Hell is known as Stygiophobia.

S78. Ans.(b)

Sol.

All the rows add to 132

→ 43 + 48 + 41 = 132

→ 42 + 44 + 46 = 132

→ 47 + 40 + 45 = 132

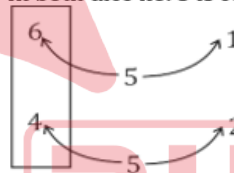
S79. Ans.(a)

Sol. G represents the psychiatrists who are clinical Psychologists but not Psychiatric Social Workers.

S80. Ans.(d)

Sol.

In both dice no. 5 is common



S81. Ans.(d)

Sol. In each successive term of the different sections, the letters are changed to a letter occurring two places after in the alphabetical series, and the numbers are changed by adding two to them. A → C 23 → 25

Thus, the missing term should be:

T → V 52 → 54

Hence, the term is VV54.



S82. Ans.(a)

S83. Ans.(c)

S84. Ans.(b)

Sol.

B + 2 = D	M + 2 = O
R - 1 = Q	E - 1 = D
E + 2 = G	N + 2 = P
A + 2 = C	S + 2 = U
K - 1 = J	T - 1 = S
D + 2 = F	R + 2 = T
O + 2 = Q	U + 2 = W
W - 1 = V	A - 1 = Z
N + 2 = P	L + 2 = N

Hence, option b is correct.

S85. Ans.(d)

Sol. Paternal grandfather of Sonakshi's son implies father of Sonakshi's husband i.e., Sonakshi's father - in - law.

S86. Ans.(d)

Sol.

- (a) (7 + 2 + 0 + 0 = 9)
- (b) (5 + 0 + 4 + 0 = 9)
- (c) (4 + 0 + 3 + 2 = 9)
- (d) (5 + 2 + 4 + 0 = 11)

S87. Ans.(a)

Sol. GIJG/GIIG/GIIG/GIIG

S88. Ans.(c)

Sol. In the given sequence the next term is found by reversing the first number.

Thus, the missing number should be 8322 → 2238.

S89. Ans.(a)

Sol.

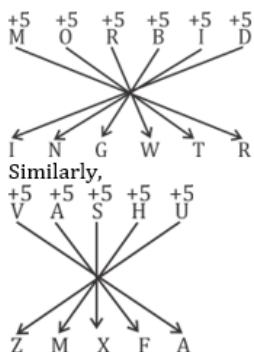
- 3. Ultimate
- 5. Umbilical
- 2. Umbrella
- 4. Unaltered
- 1. Unanimous

S90. Ans.(b)

Sol. Fear of Darkness is known Nyctophobia. Similarly, Fear of water is known as Aquaphobia.

S91. Ans.(c)

Sol.



S92. Ans.(d)

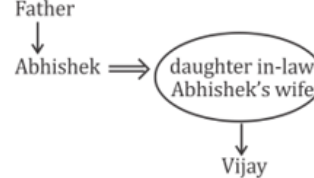
Sol.

- (a) $225 = \sqrt{225} = 15 \Rightarrow 24 \div 15 = 9$ Remainder
- (b) $324 = \sqrt{324} = 18 \Rightarrow 63 \div 18 = 9$ Remainder
- (c) $196 = \sqrt{196} = 14 \Rightarrow 65 \div 14 = 9$ Remainder
- (d) $169 = \sqrt{169} = 13 \Rightarrow 34 \div 13 = 8$ Remainder

S93. Ans.(d)

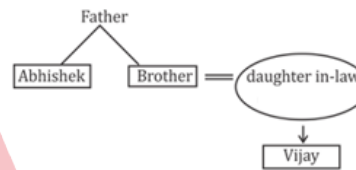
Sol.

(1.) If Abhishek is the only son of his father, then the family tree is:



Then, Abhishek is the father of Vijay.

(2.) If Abhishek has a brother, then family tree is:



Then, Abhishek is the uncle of Vijay.

S94. Ans.(b)

S95. Ans.(a)

S96. Ans.(d)

S97. Ans.(a)

Sol. As Vir Bhumi related to Rajiv Gandhi, Similarly Raj Ghat related to Mahatma Gandhi.

S98. Ans.(c)

Sol. $22 - 16 = 6 = 6 \times 6 = 36$

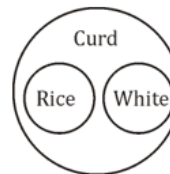
$34 - 29 = 5 = 5 \times 5 = 25$

Similarly,

$9 - 3 = 6 = 6 \times 6 = 36$

S99. Ans.(c)

Sol.



S100. Ans.(b)

S101. Ans.(d)

Sol. 1, 2, 4, 3, 5

S102. Ans.(b)

Sol.

(13)	(1)	(14)	(7)	(15)
M	A	N	G	O
↓	↓	↓	↓	↓
26	2	28	14	30

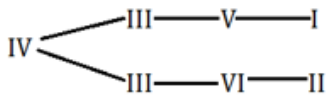
Similar code used for TIGER.

S103. Ans.(d)

S104. Ans.(d)

S105. Ans.(c)

Sol.



S106. Ans.(b)

Sol. -3, +4, -5, +5 pattern followed

S107. Ans.(c)

Sol. $\sqrt{2^{\text{nd}} \text{ no.} + 6} = 1^{\text{st}} \text{ number}$

S108. Ans.(a)

Sol. +1 is added to consonants in alphabetical order.

: +1 is added to vowel in vowel order and the next vowel is obtained.

A	E	I	O	U
↓	↓	↓	↓	↓
1	2	3	4	5

This mean

A → +1 → E → +1 → I → +1 → O → +1 → U

+1	+1	+1	+1	+1	+1
F	R	I	E	N	D
↓	↓	↓	↓	↓	↓
G	S	O	I	O	E

Similar code used for 'PRINCIPLE'

S109. Ans.(d)

Sol.

25,	?	54,	324,	332
↘		↘	↘	↘
×2		+4	×6	+8

S110. Ans.(a)

Sol.

I Love table

I am officer

Love your life

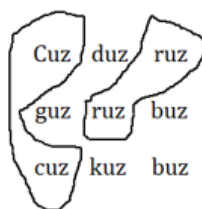
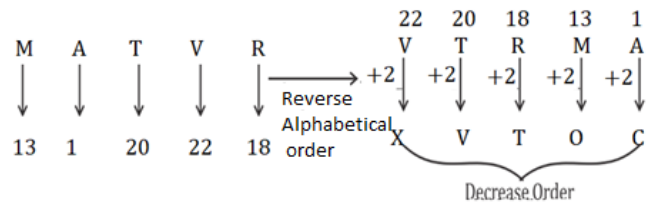


Table be code as duz

S111. Ans.(a)

S112. Ans.(d)

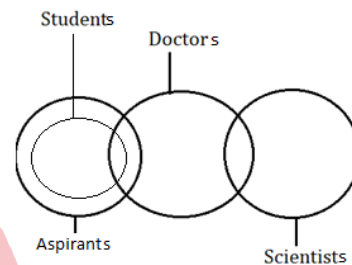
Sol.



Similar code used for 'RTANP'.

S113. Ans.(c)

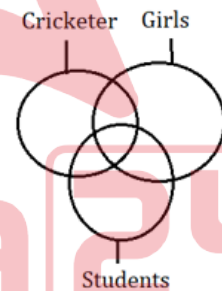
Sol.



- I. Wrong
- II. Right

S114. Ans.(d)

Sol.

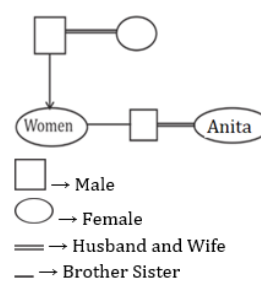


S115. Ans.(c)

Sol. +6, -5, +4, -3, +2

S116. Ans.(b)

Sol.

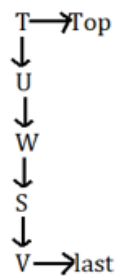


S117. Ans.(b)

Sol. Row: $(1^{\text{st}} \text{ number} + 3^{\text{rd}} \text{ number}) \times (1^{\text{st}} \text{ number} - 3^{\text{rd}} \text{ number}) = 2^{\text{nd}} \text{ Number}$

S118. Ans.(b)

Sol.



S119. Ans.(a)

Sol. $96 \div 16 \times 5 + 30 - 24 = 36$

$30 + 30 - 24 = 36$

$36 = 36$

S120. Ans.(b)

Sol. -5, +6, -7 pattern followed except in option 'b'.

S121. Ans.(d)

Sol. $35 \div 7 \times 5 - 30 \div 6 + 18 = 38$

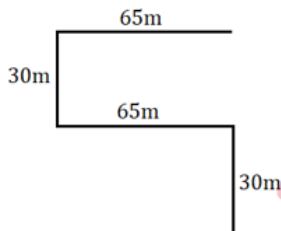
$25 - 5 + 18 = 38$

S122. Ans.(d)

Sol. H A N D / H A N D / H A N D

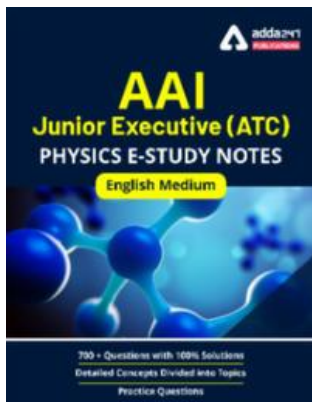
S123. Ans.(a)

Sol.



S124. Ans.(b)

Sol. High court of Kerala is situated in Kochi. Similarly, high court of Haryana is situated in Chandigarh.



S125. Ans.(b)

S126. Ans.(a)

Sol. $36 \times 21 \div 7 - (122 + 44) + 20 + (37 + 8) = 7$

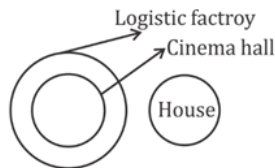
$\Rightarrow 108 - 166 + 20 + 45 = 7$

$\Rightarrow 173 - 166 = 7$

$\Rightarrow 7 = 7$

S127. Ans.(c)

Sol.



I. ✓

II. ✓

III. ✓

IV. ✗

S128. Ans.(d)

S129. Ans.(d)

Sol. Oink is sound of pig and rest are the synonyms.

S130. Ans.(a)

S131. Ans.(c)

Sol. $(15)^2 = 9 \times 25 = 225$

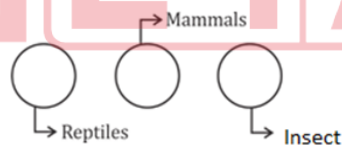
$(18)^2 = 4 \times 81 = 324$

Similarly,

$(21)^2 = 7 \times 63 = 441$

S132. Ans.(d)

Sol.



S133. Ans.(d)

Sol. 1st term in the series is 8.

Second term in the series is obtained using the logic $17 = 8 + 9$

Third term in the series is obtained using the logic $27 = 17 + 9 + 1^3$

Fourth term in the series is obtained using the logic $29 = 27 + 9 + 1^3 - 2^3$

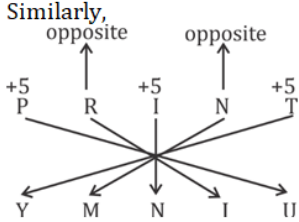
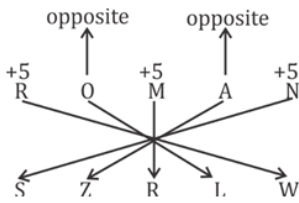
Fifth term in the series is obtained using the logic $58 = 29 + 9 + 1^3 - 2^3 + 3^3$

Sixth term in the series is obtained using the logic $23 = 58 + 9 + 1^3 - 2^3 + 3^3 - 4^3$

Seventh term in the series is obtained using the logic $113 = 23 + 9 + 1^3 - 2^3 + 3^3 - 4^3 + 5^3$

S134. Ans.(b)

Sol.



S135. Ans.(a)

Sol.

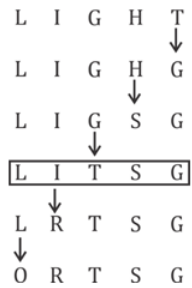
4. Sarcastic
3. Satire
1. Sodium
2. Solution
5. Sophisticate

S136. Ans.(a)

Sol. World cancer day is observed on 4th February every year. Similarly, World Education Day is observed on 24th January every year.

S137. Ans.(d)

Sol.



One letter starting from the last letter of the word LIGHT is changed to its opposite letter in each step.

S138. Ans.(d)

Sol. Except Lethargic, All words are synonyms of one other.

S139. Ans.(a)

Sol. EJOT = 5 + 10 + 15 + 20 = 50
 CIOT = 3 + 9 + 15 + 20 = 47
 XFIH = 24 + 6 + 9 + 8 = 47
 POLD = 16 + 15 + 12 + 4 = 47

S140. Ans.(b)

S141. Ans.(c)

S142. Ans.(a)

S143. Ans.(c)

Sol. (9, 36, 72) = (9 × 1, 9 × 4, 9 × 8)

Similarly,

(11, 44, 88) = (11 × 1, 11 × 4, 11 × 8)

S144. Ans.(b)

Sol. V E R B A L / V E R B A L / V E R B A L

S145. Ans.(b)

Sol. A.T.Q.

$$P \times (P + 1) = 552$$

$$P^2 + P = 552$$

By solving

$$P = 23 \text{ and } (-24)$$

P = 23 (as P is Positive number)

And,

$$P + Q = 88$$

$$Q = 65$$

S146. Ans.(a)

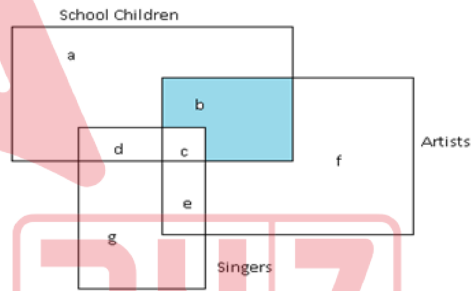
Sol. The dictionary sequence is:

Raise → Rapid → Ratio → Robin → Royal.

Thus, 2, 3, 1, 4, 5 will be the correct sequence.

S147. Ans.(b)

Sol.



So, the region is b.

S148. Ans.(a)

Sol. Let my present age be "x" years and my friend's age be "y" years.

A.T.Q

$$y = 3x \text{ (1)}$$

5 years ago, the relation between their age would be:

$$y - 5 = 5(x-5) \text{ (2)}$$

Putting the value of y from equation (1) in equation (2)

$$3x - 5 = 5(x-5)$$

$$3x - 5x = 5 - 25$$

$$x = 10 \text{ years}$$

$$\text{present age of friend} = 3x = 3 * 10 = 30 \text{ years.}$$

S149. Ans.(c)

S150. Ans.(c)

Sol. From positions I and III, we found,

2 is opposite to 5, 6 is opposite to 4, whereas 3 is opposite to 1.

S151. Ans.(a)

Sol.



Similar pattern used for 'VISHVASH'

S152. Ans.(d)

Sol. $28 + 64 \div 16 \times 4 - 6 = 38$

$28 + 4 \times 4 - 6 = 38$

$28 + 16 - 6 = 38$

$38 = 38$

S153. Ans.(c)

S154. Ans.(c)

Sol.



S155. Ans.(d)

Sol. 1st number + 2nd number - 3rd number = 4th number

S156. Ans.(a)

Sol. +7, +7, +7 pattern follow except in option 'a'.

S157. Ans.(a)

Sol.

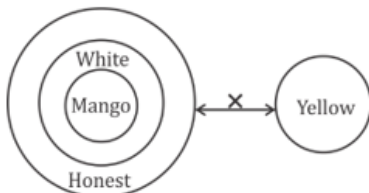
D E A R
↓ ↓ ↓ ↓ ← Coded as
3 7 4 9

And
C A R E
↓ ↓ ↓ ↓ ← Coded as
5 4 9 7

Similarly
R A R E
↓ ↓ ↓ ↓
9 4 9 7

S158. Ans.(c)

Sol.



✓
✓
✓

S159. Ans.(b)

Sol. A V E S H / A V E S H / A V E S H

S160. Ans.(a)

Sol. Scientific name of dog is Canis lupus. Similarly, scientific name of Deer is Cervidae.

S161. Ans.(d)

Sol. All corner cubes are painted on three sides, there are 8 corners in cubes, so cubes with paint 3 side = 8.

S162. Ans.(d)

Sol.

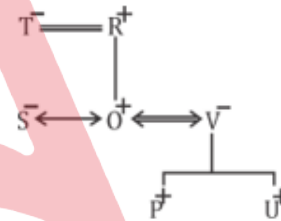


Alternate prime number is added.

Prime numbers = 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67

S163. Ans.(a)

Sol.



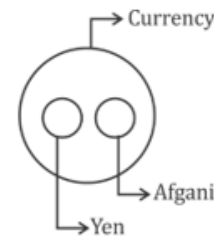
S164. Ans.(c)

S165. Ans.(a)

S166. Ans.(d)

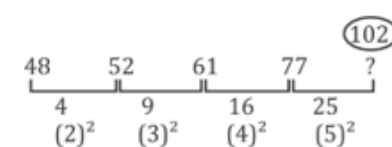
S167. Ans.(a)

Sol.



S168. Ans.(b)

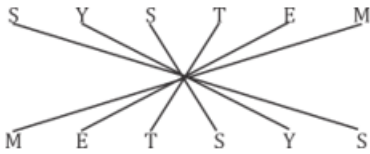
Sol.



S169. Ans.(d)

S170. Ans.(d)

Sol.



Similar pattern used for ADVENTURE

S171. Ans.(d)

Sol. $5 \times 4 + 4 = 24$

$12 \times 4 + 4 = 52$

Similarly

$7 \times 4 + 4 = 32$

S172. Ans.(d)

Sol. $117 = 95 - 30 + 65 \div 5 \times 4$

$117 = 95 - 30 + 52$

$117 = 95 + 22$

$117 = 117$

S173. Ans.(c)

Sol. +3, -4, +5 pattern followed

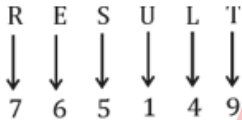
S174. Ans.(c)

S175. Ans.(d)

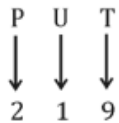
Sol. (C, H)

S176. Ans.(a)

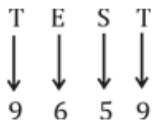
Sol.



and

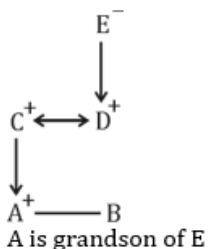


All alphabets represented as a number. So,



S177. Ans.(d)

Sol.



S178. Ans.(d)

Sol. All Except 'Ahmedabad' is the capital city of any state of India.

S179. Ans.(a)

Sol.

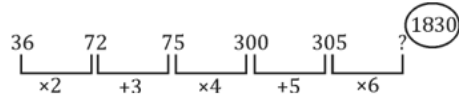
$\Rightarrow 341 + (12)^2 = 341 + 144 = 485$

Similarly

$255 + (16)^2 = 255 + 256 = 511$

S180. Ans.(d)

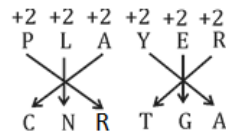
Sol.



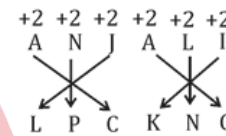
S181. Ans.(a)

S182. Ans.(b)

Sol.



Similarly



S183. Ans.(c)

S184. Ans.(c)

Sol. (18, 648, 9)

$\Rightarrow 18 \times 9 = 162 \times 4 = 648$

Similarly

(21, 588, 7)

$\Rightarrow 21 \times 7 = 147 \times 4 = 588$

S185. Ans.(c)

Sol. ONC = $15 + 14 + 3 = 32$ even.

RYE = $18 + 25 + 5 = 48$ even.

NXG = $14 + 24 + 7 = 45$ odd.

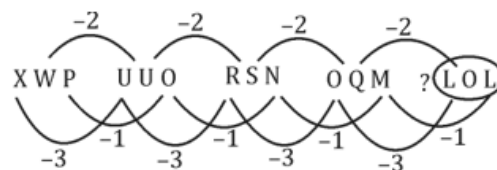
LOC = $12 + 15 + 3 = 30$ even.

S186. Ans.(d)

Sol. Monkey's scientific name is Cercopithecidae. Similarly, Elephant's scientific name is Loxodonta.

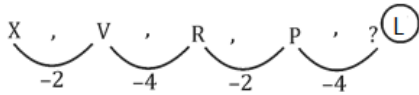
S187. Ans.(a)

Sol.



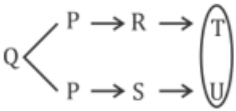
S188. Ans.(a)

Sol.



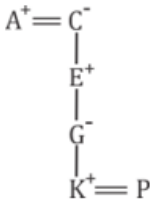
S189. Ans.(a)

Sol.



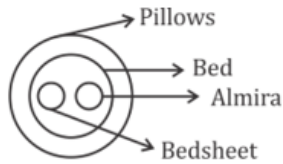
S190. Ans.(d)

Sol.



S191. Ans.(a)

Sol.



- I. ×
- II. ✓
- III. ×

S192. Ans.(c)

Sol.

				-4	+4	-4	+4
O	P	Q	R	15	16	17	18
K	T	M	V	11	20	13	22
G	X	I	Z	7	24	9	26
C	B	E	D	3	2	5	4
Y	F	A	H	25	6	1	8

S193. Ans.(d)

Sol. Except for Ahmedabad all are the capital of any state of India.

S194. Ans.(a)

Sol. "Horse" is a word of five letters.

So, $(5)^3 = 125$

Dog is a word of 3 letter

So, $(3)^3 = 27$

Similarly,

Elephant is a worded Eight letter.

So, $(8)^3 = 512$

S195. Ans.(a)

Sol. ANIMAL / ANIMAL / ANIMAL

S196. Ans.(a)

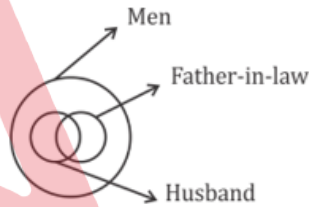
Sol. All given alphabets are Vowels. (A, E, I, O, U)

S197. Ans.(c)

Sol. If 1st April is Monday, then 8th, 15th, 22nd and 29th of April will also be Monday.

S198. Ans.(a)

Sol.



S199. Ans.(b)

Sol.

3. Abdicate
4. Abscond
1. Acme
6. Amaze
5. Assassinate
2. Audacious

S200. Ans.(a)

Sol. $65 \div 13 + 15 \times 3 - 42 = 8$

$5 + 45 - 42 = 8$

$8 = 8$

