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|----------------------------------------------------|---------------------------------|-----------------------------------|
| 1) Ans. (C) Akash | 15) Ans. (A) Conservative Party | 31) Ans. (D) Mumbai |
| 2) Ans. (A) England | 16) Ans. (C) 10.50 lakh | 32) Ans. (A) May 15 |
| 3) Ans. (B) Doha, Qatar | 17) Ans. (B) 2002 | 33) Ans. (C) Meghalaya |
| 4) Ans. (B) 100 | 18) Ans. (D) 10% | 34) Ans. (A) G. Mohan Kumar |
| 5) Ans. (D) Microsoft | 19) Ans. (B) Pakistan | 35) Ans. (B) Ramdhan Singh Dinkar |
| 6) Ans. (A) UK | 20) Ans. (D) Jitan Ram Manjhi | 36) Ans. (D) Gujarat |
| 7) Ans. (D) Rajasthan | 21) Ans. (A) INS Kaverati | 37) Ans. (D) State Bank of India |
| 8) Ans. (C) PAN Card | 22) Ans. (B) Chile | 38) Ans. (C) 24 |
| 9) Ans. (B) Mukesh Khanna | 23) Ans. (C) Apple | 39) Ans. (D) May 22 |
| 10) Ans. (A) TAM (Television Audience Measurement) | 24) Ans. (D) Hungary | 40) Ans. (B) Virat Kohli |
| 11) Ans. (A) RBI | 25) Ans. (B) Bangladesh | |
| 12) Ans. (D) Election Commissioner | 26) Ans. (D) Joe Root | |
| 13) Ans. (B) Myntira | 27) Ans. (C) Anuradha Prasad | |
| 14) Ans. (C) Windows 10 | 28) Ans. (B) Barcelona | |
| | 29) Ans. (B) Lithuania | |
| | 30) Ans. (A) Tripura | |

41. (2); 42. (3); 43. (4); 44. (4); 45. (1);
 46. (3); 47. (4); 48. (3); 49. (2); 50. (1);
 51. (3); 52. (1); 53. (5); 54. (5); 55. (2);
 56. (2); "enrolled" will be replaced by "enroll"
 57. (2); Remove "on" from the sentence
 58. (2); "are" will be replaced by "have"
 59. (3); "worked" will be replaced by "work"
 60. (2); "want" will be replaced by "wanted"
 61. (4); 62. (1); 63. (5); 64. (5); 65. (1);
 66. (1); Correct spelling is "Letter"
 67. (5); All correct
 68. (5); All correct
 69. (4); Correct spelling is "February"
 70. (4); Correct spelling is "Forty"
 71. (4); 72. (1); 73. (3); 74. (4); 75. (2);
 76. (3); 77. (4); 78. (4); 79. (1); 80. (2);
 81. (2); $? = \frac{120}{24} \times 36 = 180$
 82. (4); $6850 \times \frac{1}{25} \times \frac{1}{?} - 24 = 30.8$
 $\Rightarrow \frac{274}{?} = 54.8 \Rightarrow ? = 5$
 83. (5); $? = 122678 - 39815 - 42305 = 40558$
 84. (2); $? = 98 \times 64 - 3504 = 2768$
 85. (3); $? = 113698 - 105697 - 3058 = 4943$
 86. (5); $? = \frac{25 \times 6000}{150} \times 45 = 45000$
 87. (1); $? = \sqrt[3]{2197} \times \sqrt[3]{729} = 13 \times 9 = 117$
 88. (4); $? = (6)^2 + (8)^2 \times (2)^2 - (9)^2$ { by D.M.A.S }
 $\Rightarrow ? = 36 + 64 \times 4 - 81$
 $\Rightarrow ? = 36 + 256 - 81 = 211$
 89. (5); $? = \frac{7008}{24} + \frac{6208}{16} = 680$

90. (3); $? = 3174 \times \frac{4}{3} \times \frac{5}{3} \times \frac{3}{2} = 10580$

91. (3); $(5)^? = (5)^{3.5+4.8+2.4-5.1}$

By Comparing Exponents, we get
 $? = 5.6$

92. (2); $48\% \text{ of } ? = - \left[911.40 - \frac{45}{100} \times 3204 \right]$

$\Rightarrow \frac{48}{100} \times ? = - [911.40 - 1441.80]$

$\Rightarrow ? = 530.4 \times \frac{100}{48} = 1105$

93. (3); $? = \frac{48}{100} \times 350 \times \frac{3}{4} = 126$

94. (1); $? = \frac{5436 + 2402 + 1148}{449.30} = 20$

95. (1); $? = 1521 - 1512 = 9$

96. (3); Let the common ratio be x .

\therefore Total number of boys = $25x$

Total number of girls = $29x$

According to question,

$25x + 29x = 270 \Rightarrow x = 5$

Required ratio = $125 + 15 : 145 + 15$

$= 140 : 160 = 7 : 8$

97. (5); Let the cost price of T-Shirt be ₹ x .

According to question,

$575 - x = x - 295$

$\Rightarrow x = ₹ 435/-$

98. (1); Total number of student who can dance

$= 125 \times \frac{20}{100} = 25$

Total number of student who are good at sports

$= 125 \times \frac{2}{5} \times \frac{2}{5} = 20$

Required ratio = $25 : 20$

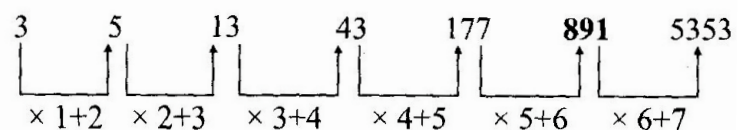
$= 5 : 4$

99. (4); Total Interest paid by Amrita = $65780 - 50600$

$= ₹ 15180/-$

\therefore Required rate % = $\frac{15180 \times 100}{50600 \times 5} = 6 \text{ p.c.p.a}$

100. (1);



101. (4); $? = \frac{5040}{33} - 45 = 107.73 \approx 108$

102. (2); Required population = $45000 \times \frac{112}{100} \times \frac{85}{100}$
 $= 42840$

103. (3); Required average
 $= \frac{157+348+443+221+360+795+841+101}{8}$
 $= 408.25$

104. (4); Required amount = $\frac{93470}{75} = 1246.27$
 $\approx ₹ 1,246/-$

105. (5); Required percentage = $\frac{455}{800} \times 100 = 56.875$
 $\approx 57\%$

106. (1); Required sugar = $\frac{35}{7} \times 50 = 250 \text{ kg}$

107. (5); Let the number be $x, x+1, x+2, x+3, x+4$.

According to question,

$$x+x+1+x+2+x+3+x+4 = 250$$

$$\Rightarrow 5x = 240 \Rightarrow x = 48$$

Numbers are 48, 49, 50, 51, 52

\therefore Required difference

$$= (50)^2 - [52+48] = 2400$$

108. (3); $5800 \quad 5788 \quad 5764 \quad 5728 \quad \mathbf{5680} \quad 5620 \quad 5548$
 $\begin{array}{cccccc} \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ -(12 \times 1) & -(12 \times 2) & -(12 \times 3) & -(12 \times 4) & -(12 \times 5) & -(12 \times 6) \end{array}$

109. (4); Let the number be x .

According to question,

$$\frac{46x}{100} - \frac{35x}{100} = 169.4$$

$$x = 1540$$

Required number = $1540 \times \frac{3}{4} = 1155$

110. (2); Let the common ratio be x .

\therefore The length of the plot = $3x$

And the breadth of the plot = $2x$

$$\therefore 3x - 2x = 40 \Rightarrow x = 40$$

Perimeter of the plot = $2(3 \times 40 + 2 \times 40)$
 $= 400 \text{ metre}$

111. (1); Required difference = $15150 - 10500 = 4650$

112. (3); Required average
 $= \frac{8000+18000+10500+16250+20000+18450}{6}$
 $= \frac{91200}{6} = 15200$

113. (2); Required ratio = $35450 : 28000 = 709 : 560$

114. (5); Required sum = $10200 + 8000 + 20200 + 16250$
 $+ 16500 + 18450 = 89600$

115. (5); Required percentage = $\frac{16500}{18450} \times 100 = 89.43\% \approx 89$

116. (4); $11 \quad 15 \quad 31 \quad 67 \quad 131 \quad 231$
 $\begin{array}{cccccc} \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +(2)^2 & +(4)^2 & +(6)^2 & +(8)^2 & +(10)^2 & \end{array}$

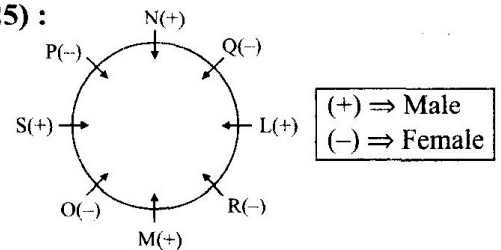
117. (1); $483 \quad 471 \quad 435 \quad 375 \quad 291 \quad 183$
 $\begin{array}{cccccc} \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ -(12 \times 1) & -(12 \times 3) & -(12 \times 5) & -(12 \times 7) & -(12 \times 9) & \end{array}$

118. (2); $5 \quad 7 \quad 13 \quad 25 \quad 45 \quad 75$
 $\begin{array}{cccccc} \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +2 & +6 & +12 & +20 & +30 & \end{array}$
 $\begin{array}{cccc} \uparrow & \uparrow & \uparrow & \uparrow \\ +4 & +6 & +8 & +10 & \end{array}$
 $\begin{array}{ccc} \uparrow & \uparrow & \uparrow \\ +2 & +2 & +2 & \end{array}$

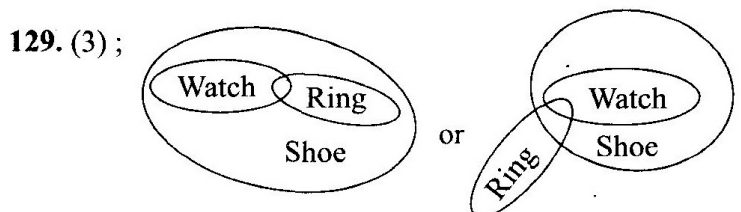
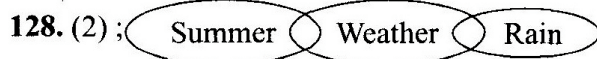
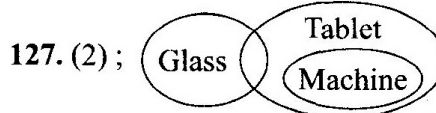
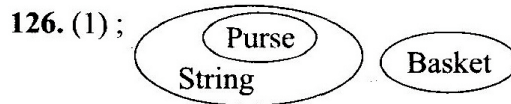
119. (1); $4 \quad 11 \quad 25 \quad 53 \quad 109 \quad 221$
 $\begin{array}{ccccc} \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ \times 2+3 & \times 2+3 & \times 2+3 & \times 2+3 & \times 2+3 & \end{array}$

120. (3); $15 \quad 21 \quad 33 \quad 51 \quad 75 \quad 105$
 $\begin{array}{ccccc} \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +(6 \times 1) & +(6 \times 2) & +(6 \times 3) & +(6 \times 4) & +(6 \times 5) & \end{array}$

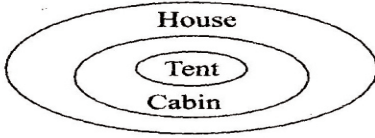
Ans (121–125):



121. (4); 122. (1); 123. (2); 124. (3); 125. (2);

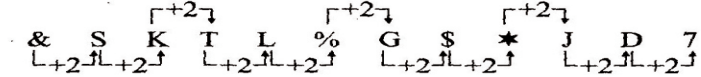


130. (1);

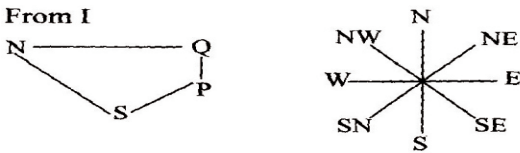


Ans. (131-135) :

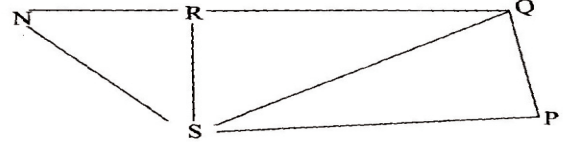
131. (5); 132. (4); 133. (5); 134. (4); 135. (3);
 136. (3); 4 5 6 3 1 #
 ↓ ↓ ↓ ↓ ↓ ↓
 X N W H Q A
 137. (3); 2 @ 7 \$ 4 &
 ↓ ↓ ↓ ↓ ↓ ↓
 D Z S F X P
 138. (4); 3 + 5 6 4 1
 ↓ ↓ ↓ ↓ ↓ ↓
 H A N W X Q
 139. (2); % 8 2 & 4 7
 ↓ ↓ ↓ ↓ ↓ ↓
 S J D P X L
 140. (5); @ 4 1 5 3 +
 ↓ ↓ ↓ ↓ ↓ ↓
 Z X Q N H Z
 141. (1); 142. (5); 143. (2); 144. (4); 145. (1);
 146. (5);
 147. (1);



148. (4); 149. (3);
 150. (3); {(R, S, 2), (D, W, 7)}
 151. (4); From I, we conclude that the girl is either Kunal's or his brother's wife. But, according to II, Kunal has no siblings. So, from both I and II, we conclude that the girl is Kunal's wife. From III, we find that the girl is the only daughter-in-law of Kunal's mother i.e., she is Kunal's wife.
 152. (4); From I, II and III, we conclude that all P, Q, R, T and U are children of X. Of these, Q and U are male while R and T are female. But the gender of P cannot be determined.
 153. (2); From I



From II there is no information about R. So, there is no need of this Statement.



154. (4); From I, the order is: E, B, C or C, B, E. From II, the order is: E, B. From III, the order is: A, D, E. Combining the above three, we get the order as: A, D, E, B, C. Clearly, E is sitting in the middle.
 155. (4); From II, we know that Gopal's brother was born in 1982. From III, we find that Gopal's brother was 8 years younger to him i.e., Gopal was born in 1974. From I, we find that Sanjay is 6 years older than Gopal. Thus, Sanjay was born in 1968.

Ans. (156-160) :

Person	City	Specialisation
P	Hyderabad	Literature
Q	Calcutta	Computers
R	Mumbai	Marketing
S	Chennai	Textile/Economics
T	Delhi	Textile/Economics
V	Trivandem	Physics
X	Bangalore	Information Technology

156. (3); 157. (5); 158. (4); 159. (3); 160. (1);
 161. (2); 162. (4); 163. (3); 164. (4); 165. (1);
 166. (1); 167. (4); 168. (5); 169. (5); 170. (4);
 171. (2); 172. (5); 173. (4); 174. (1); 175. (3);
 176. (5); 177. (5); 178. (4); 179. (5); 180. (1);
 181. (3); 182. (3); 183. (1); 184. (4); 185. (3);
 186. (2); 187. (4); 188. (2); 189. (2); 190. (2);
 191. (3); 192. (1); 193. (2); 194. (1); 195. (1);
 196. (4); 197. (3); 198. (1); 199. (2); 200. (1);

- 1) Ans. (C) Akash
 2) Ans. (A) England
 3) Ans. (B) Doha, Qatar
 4) Ans. (B) 100
 5) Ans. (D) Microsoft
 6) Ans. (A) UK
 7) Ans. (D) Rajasthan
 8) Ans. (C) PAN Card
 9) Ans. (B) Mukesh Khanna
 10) Ans. (A) TAM (Television Audience Measurement)
 11) Ans. (A) RBI
 12) Ans. (D) Election Commissioner
 13) Ans. (B) Myntra
 14) Ans. (C) Windows 10

- 15) Ans. (A) Conservative Party
 16) Ans. (C) 10.50 lakh
 17) Ans. (B) 2002
 18) Ans. (D) 10 %
 19) Ans. (B) Pakistan
 20) Ans. (D) Jitan Ram Manjhi
 21) Ans. (A) INS Kavaratti
 22) Ans. (B) Chile
 23) Ans. (C) Apple
 24) Ans. (D) Hungary
 25) Ans. (B) Bangladesh
 26) Ans. (D) Joe Root
 27) Ans. (C) Anurraddha Prasad
 28) Ans. (B) Barcelona
 29) Ans. (B) Lithuania
 30) Ans. (A) Tripura

- 31) Ans. (D) Mumbai
 32) Ans. (A) May 15
 33) Ans. (C) Meghalaya
 34) Ans. (A) G Mohan Kumar
 35) Ans. (B) Ramdhari Singh Dinkar
 36) Ans. (D) Gujarat
 37) Ans. (D) State Bank of India
 38) Ans. (C) 24
 39) Ans. (D) May 22
 40) Ans. (B) Virat Kohli