ANSWERS

1. (1)	2. (5)	3. (3)	4. (2)
5.(2)	6. (3)	7. (5)	8. (5)
9.(2)	10. (3)	11(4)	12. (2)
13. (3)	14.(1)	15.(4)	16. (5)
17. (4)	18.(1)'	19. (3)	20. (2)
21. (5)	22. (5)	23.(1)	24.(3)
25.(5)	26.(5)	27. (1)	28. (2)
29.(4)	30.(1)	3145)	32.(2)
33.(3)	34.(5)	35.(4)	36.(5)
37.(1)	38. (3)	39.(2)	40.(2)
41. (4)	42. (1)	43. (2)	44. (3)
45. (1)	46.(3)	47. (5)	48. (5)
49. (4)	50.(2)	51. (2)	52. (1)
53.(3)	54.(3)	55.(2)	56. (1) [1]
57. (3)	58. (2)	59.(1)	60. (4)
61. (3)	62. (5)	63. (5)	64.(4)
65.(4)	66. (3)'	67.(2)	68. (3)

69. (4)	70. (4)	71. (3)	72. (5)	73. (5)
74. (1)	75. (2)	76. (4)	77. (2)	78. (1)
79.(3)	80. (3)	81. (2)	82. (2)	83.(1)
84. (5)	85.(4)	86.(4)	87. (1)	88. (3)
89.(2)	90. (3)	91. (3)	92. (3)	93. (1)
94. (4)	95. (2)	96. (5)	97.(2)	98.(4)
99. (2)	100. (3)	101. (4)	102. (4)	103. (3)
104. (3)	105. (5)	106. (5)	107. (4)	108. (5)
109. (2)	110,(3)	111.(3)	112. (3)	113. (5)
114. (1)	115. (2)	116. (3)	117. (2)	118. (1)
119. (3)	120. (4)	121. (4)	122. (2)	123. (3)
124. (2)	125. (2)	126. (4)	127. (4)	128. (1)
129. (4)	130. (3)	131. (2)	132. (5)	133. (2)
134. (2)	135. (5)	136. (4)	137. (3)	138. (2)
139. (2)	140. (2)	141. (2)	142. (1)	143. (3)
144. (3)	143. (3)	146. (1)	147. (5)	148. (1)
149. (3)	150. (3)	151. (1)	152. (5)	153. (1)
154. (4)	155. (2)	156. (4)	157. (5)	158. (2)
159. (4)	160. (3)	161. (5)	162. (1)	163. (2)
164. (1)	165. (3)	166. (2)	167. (1)	168. (4)
169. (3)	170. (4)	171. (2)	172. (2)	173. (1).
174. (5)	175. (3)	176. (3)	177. (4)	178. (1)
179. (5)	180. (2)	181. (4)	182. (2)	183. (3)
184. (4)	185. (4)	186. (5)	187. (2)	188. (2)
189. (5)	190. (1)	191. (3)	192. (5)	193. (1)
194. (3)	195. (2)	196. (2)	197. (1)	198. (1)
' 199. (4)	200. (4)	201. (4)	202. (1)	203. (3)
204. (4)	205. (4)	206. (4)	207. (1)	208. (2)
209. (1)	210. (2)	211. (2)	212. (3)	213. (4)
214. (1)	215. (3)	216. (3)	217. (1)	218. (3)
219. (2)	220. (3)	221. (1)	222. (3)	223. (1)
224. (3)	225. (4)	226. (1)	227. (3)	228. (2)
229. (3)	230. (4)	231. (2)	232. (1)	233. (4)
234. (2)	235. (4)	236. (3)	237. (3)	238. (4)
239. (4)	240. (3)	241. (2)	242. (2)	243. (1)
244. (4)	245. (2)	246. (3)	247. (4)	248. (1)
249. (3)	250. (1)			

1. (1)

```
M A I N        D E A R
↓ ↓ ↓ ↓        ↓ ↓ ↓ ↓
9 3 6 4        8 5 3 2
```

Therefore,

```
M E N D
↓ ↓ ↓ ↓
9 5 4 8
```

2. (5)
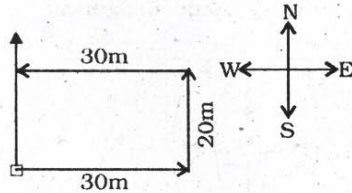
```
D R E A M I N G
+1           −1
B F S E F M H L
```

Similarly,

```
T R E A T I S E
+1           −1
B F S U D T H S
```

3. (3)

```
5 [3] 1 4 [6] 9 7
1 [3] 4 5 [6] 7 9
```

4. (2) C > E, A > B > D

Now, A > B > D > C > E

5. (2)

6. (3) Meaningful Words ⇒ TOUR, ROUT

7. (5) 48 Q 12 R 10 P 8 W 4 = ?

⇒ ? = 48 ÷ 12 × 10 − 8 + 4

⇒ ? = 4 × 10 − 8 + 4

⇒ ? = 40 − 8 + 4 = $\boxed{36}$

8. (5)

```
5 14 7 21 12 6 5 4
E  N  G  U  L  F E D
```

9. (2) Second Highest Number

⇒ 7 [3] 9

10. (3)

```
green [grass] everywhere → dik [pa] sok
cow eats [grass]          → nok ta [pa]
```

The code for 'cow' is 'nok' or 'ta'.

11. (4) | Number | Consonant | Number |

Such combinations are :

| %R1 |, | KP2 |, | WF5 |

12. (2) | Symbol | Number | Consonant |

There is only one such combination : | @6F |

13. (3) | Number | Vowel | Number |

Such combinations are : | 9E© |, | 4AW |

14. (1) According to question, the new sequence would be :

D 3 M R 1 6 F 9 E K [P] 2 B I 7 U Q 4 A W F 5 8 Z

└────── 11th from left ──────↑

15. (4)

```
K —+1→ P —−2→ ©
U —+1→ Q —−2→ ★
9 —+1→ E —−2→ F
1 —−1→ B —+2→ 7
R —+1→ 1 —−2→ %
```

16. (5) 8th to the right of 20th from the right means 12th from the right end, i.e., U.

(17–22) :

(17–22) :

(i) All cards are boxes → Universal Affirmative (A-type).

(ii) Some trees are forests → Particular Affirmative (I-type).

(iii) No box is slate → Universal Negative (E-type).

(iv) Some boxes are not slates → Particular Negative (O-type).

17. (4) All the three Premises are Particular Affirmative (I-type). No Conclusion follows from the two Particular Premises.

18. (1) All cards are boxes.

No box is slate.

A + E ⇒ E-type of Conclusion "No card is slate." Conclusion I is Converse of it.

No box is slate.

Some slates are tiles.

E + I ⇒ O -type of Conclusion "Some tiles are not boxes."

19. (3) Some papers are arrows.

All arrows are sticks.

I + A ⇒ I-type of Conclusion "Some papers are sticks."

Conclusions I and II form Complementary Pair. Therefore, either I or II follows.

20. (2) Some tiles are bangles.

All bangles are nails.

I + A ⇒ I-type of Conclusion "Some tiles are nails." Conclusion II is Converse of it.

21. (5) Some days are nights.

All nights are stars.

I + A ⇒ I-type of Conclusion "Some days are stars." Conclusion II is Converse of it.

All nights are stars.

All stars are clouds.

A + A ⇒ A-type of Conclusion "All nights are clouds."

Some days are stars.

All stars are clouds.

I + A ⇒ I-type of Conclusion "Some days are clouds." Conclusion I is Converse of it.

22. (5) All bells are hammers.

All hammers are dogs.

A + A ⇒ A-type of Conclusion "All bells are dogs". Conclusion II is Converse of it.
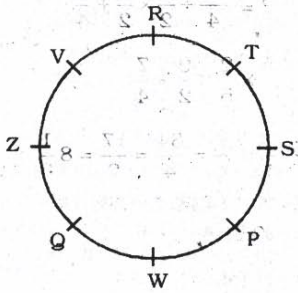
All hammers are dogs.

All dogs are packets.

A + A ⇒ A-type of Conclusion "All hammers are packets". Conclusion I is Converse of it.

(23–28) : Sitting arrangement

23. (1) R is sitting to the immediate left of V.

24. (3) W is sitting between P and Q.

25. (5) R is second to the right of S.

26. (5) S is second to the right of W.

27. (1) S is to the immediate left of T.

28. (2) W is to the immediate right of Q.

(29–34) :

$\% \Rightarrow \geq$	$\# \Rightarrow \leq$	$\$ \Rightarrow >$
$\star \Rightarrow <$	$\delta \Rightarrow =$	

29. (4) $H \% R \Rightarrow H \geq R$

$R \# K \Rightarrow R \leq K$

$K \$ B \Rightarrow K > B$

Therefore, $H \geq R \leq K > B$

Conclusions

I. $B \star R \Rightarrow B < R$: Not True

II. $K \$ H \Rightarrow K > H$: Not True

30. (1) $N \% F \Rightarrow N \geq F$

$F \# H \Rightarrow F \leq H$

$H \star U \Rightarrow H < U$

Therefore, $N \geq F \leq H < U$

Conclusions

I. $U \$ F \Rightarrow U > F$: True

II. $H \% N \Rightarrow H \geq N$: Not True

31. (5) $K \$ M \Rightarrow K > R$

$R \delta W \Rightarrow R = W$

$W \# T \Rightarrow W \leq T$

Therefore, $K > R = W \leq T$

Conclusions

I. $T \% R \Rightarrow T \geq R$: True

II. $K \$ W \Rightarrow K > W$: True

32. (2) $K \star T \Rightarrow K < T$

$T \$ M \Rightarrow T > M$

$M \delta J \Rightarrow M = J$

Therefore, $K < T > M = J$

Conclusions

I. $J \star K \Rightarrow J < K$: Not True

II. $J \star T \Rightarrow J < T$: True

33. (3) $D \# R \Rightarrow D \leq R$

$R \delta M \Rightarrow R = M$

$M \$ B \Rightarrow M > B$

Therefore, $D \leq R = M > B$

Conclusions

I. $M \delta D \Rightarrow M = D$: Not True

II. $M \$ D \Rightarrow M > D$: Not True

Either I or II is true.

34. (5) $B \delta V \Rightarrow B = V$

$V \% M \Rightarrow V \geq M$

$M \$ J \Rightarrow M > J$

Therefore, $B = V \geq M > J$

Conclusions

I. $J \star V \Rightarrow J < V$: True

II. $M \# B \Rightarrow M \leq B$: True

35. (4)

U	P	A	M	Y	E
↓	↓	↓	↓	↓	↓
6	2	1	9	5	3

36. (5)

J	P	E	R	T	B
↓	↓	↓	↓	↓	↓
@	2	3	4	8	$

37. (1)

I	M	P	B	E	Z
↓	↓	↓	↓	↓	↓
©	9	2	$	3	©

Condition (ii) is applicable.

38. (3)

J	E	T	W	B	H
↓	↓	↓	↓	↓	↓
@	3	8	7	$	δ

39. (2)

K	H	A	P	Y	I
↓	↓	↓	↓	↓	↓
©	δ	1	2	5	%

Condition (i) is applicable.

40. (2)

B	P	T	R	K	A
↓	↓	↓	↓	↓	↓
1	2	8	4	%	$

Condition (i) is applicable.

41. (4) From Problem Figure (1) to (2) the two left designs and the two right designs interchange positions while the middle design is replaced with a new design. From Problem (2) to (3) the left most design moves to the right most position. These two steps are continued in the subsequent figures alternately.

42. (1) The following changes occur in the subsequent figures :

(1) to (2)	(2) to (3)
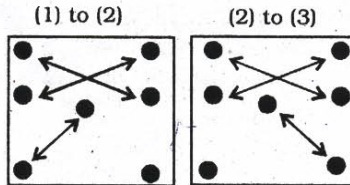
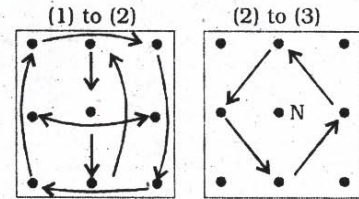| (3) to (4)	(4) to (5)
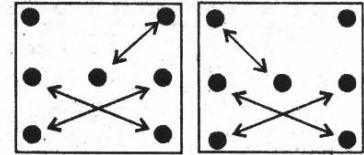
Therefore, from Problem Figure (5) to Answer Figure similar changes would occur as from Problem Figure (1) to (2).

43. (2) From Problem Figure (1) to (2) all the designs move one step in anticlockwise direction. Similar changes would occur from Problem Figure (3) to (4) and from Problem Figure (5) to Answer Figure.

44. (3) In the subsequent figures respectively one and two angle(s) is/are deleted alternately and the deleted angle(s) reappear(s) in the next step.

45. (1) In each subsequent figure one circle is added and the pre-existing circles move in clockwise direction.

The circles appear in the order :

 and .

46. (3) The following changes occur in the subsequent figures :

(1) to (2)	(2) to (3)

These two steps are repeated alternately in the subsequent figures.

47. (5) From Problem Figure (1) to (2) all the four designs move one step in clockwise direction after being inverted. Similar changes occur from Problem Figure (3) to (4) and from Problem Figure (5) to Answer Figure.

48. (5) The following changes occur from Problem Figure (1) to (2).
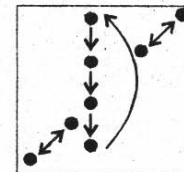
Similar changes occur from Problem Figure (3) to (4) and from Problem Figure (5) to Answer Figure.

49. (4) In the subsequent figures the star moves one step in anticlockwise direction, the traiangle moves one step in clockwise direction while the circle moves respectively half, one and half, two and half, three and half...... steps in anticlockwise direction. The fourth design is replaced with a new design in each step and moves from left to right stepwise and from right to left in one step.

50. (2) From Problem Figure (1) to (2) half line segment is deleted, from Problem Figure (3) to (4) one and half line segments are deleted and hence two and half line segments would be deleted from Problem Figure (5) to Answer Figure.

51. (2) $? = (3 + 4 - 2 - 1) +$

$\left(\dfrac{1}{6} + \dfrac{1}{2} - \dfrac{2}{3} - \dfrac{11}{12}\right)$

$= 4 + \left(\dfrac{2 + 6 - 8 - 11}{12}\right)$

$= 4 - \dfrac{11}{12} = 3\dfrac{1}{12}$

52. (1) $? = \dfrac{\dfrac{414}{23} \times 7 + 36}{49 + (9 - 4)}$

$= \dfrac{126 + 36}{49 + 5} = \dfrac{162}{54} = 3$

53. (3) $\sqrt{\dfrac{444}{37}} + 15 + 11 \times ? = 7$

$\Rightarrow 12 + 15 + 11 \times ? = 49$

$\Rightarrow 11 \times ? = 49 - 27 = 22$

$\Rightarrow ? = \dfrac{22}{11} = 2$

54. (3) $? = 56.4 \times 22.5 - \dfrac{232}{8}$

$= 1269 - 29 = 1240$

55. (2) $\dfrac{125 \times 625}{25} = 5^{13-?}$

$\Rightarrow \dfrac{5^3 \times 5^4}{5^2} = 5^{13-?}$

$\Rightarrow 5^{3+4-2} = 5^{13-?}$

$\Rightarrow 13 - ? = 5$

$\Rightarrow ? = 13 - 5 = 8$

56. (1) $? = 62626 - 6262 + 626 - 62 + 6 = 56934$

57. (3) $(0.6)^? = (0.6)^4 \times (0.6)^{2 \times 2} \times (0.6)^3$

$\Rightarrow (0.6)^? = (0.6)^{4+4+3} = (0.6)^{11}$

$\Rightarrow ? = 11$

58. (2) $? = \dfrac{38 \times 295}{100} + \dfrac{62 \times 445}{100}$

$= 112.10 + 275.90 = 388$

59. (1) $? = 84.42 - 43.82 + 16.57 - 32.49 = 24.68$

60. (4) $? = \dfrac{37 \times 248}{100} - \dfrac{27 \times 310}{100}$

$= 91.76 - 83.7 = 8.06$

61. (3) $\dfrac{494}{38} \times ? = \dfrac{832}{4}$

$\Rightarrow 13 \times ? = 208$

$\Rightarrow ? = \dfrac{208}{13} = 16$

62. (5) $27.831 - 31.425 + 18.749 - ? = 12$

$\Rightarrow 15.155 - ? = 12$

$\Rightarrow ? = 15.155 - 12 = 3.155$

63. (5) $? = \dfrac{18.5 \times 320}{100} + \dfrac{7.4 \times 450}{100}$

$= 59.20 + 33.30 = 92.50$

64. (4) $? = 13.013 - 22.104 + 62.903 - 9.048$

$= 44.764$

65. (4) $\dfrac{11}{4} \times \dfrac{40}{7} \div \dfrac{22}{9} - ? = 4$

$\Rightarrow \dfrac{11}{4} \times \dfrac{40}{7} \times \dfrac{9}{22} - ? = 4$

$\Rightarrow \dfrac{45}{7} - ? = 4$

$\Rightarrow ? = \dfrac{45}{7} - 4 = \dfrac{45 - 28}{7} = \dfrac{17}{7}$

$= 2\dfrac{3}{7}$

66. (3) $? = \dfrac{18 \times 350}{100} + \dfrac{12 \times 600}{100}$

$= 63 + 72 = 135$

67. (2) $\dfrac{? \times 432 \times 5}{100} = 540$

$\Rightarrow ? = \dfrac{540 \times 100}{432 \times 5} = 25$

68. (3) $(?)^2 = \dfrac{18 \times 34}{17} = 36$

$\Rightarrow ? = \sqrt{36} = 6$

69. (4) $? = \dfrac{15}{4} \div \dfrac{5}{2} \times \dfrac{9}{2} + \dfrac{7}{4}$

$= \dfrac{15}{4} \times \dfrac{2}{5} \times \dfrac{9}{2} + \dfrac{7}{4}$

$= \dfrac{27}{4} + \dfrac{7}{4} = \dfrac{34}{4} = \dfrac{17}{2} = 8\dfrac{1}{2}$

70. (4) $? = 143.94 + 36.78 - 71.63$

$= 109.09$

71. (3) $? = 4611 - 324 - 440 + 256$

$= 4103$

72. (5) $4359 - 960 = \dfrac{2156}{14} + ?$

$\Rightarrow 3399 = 154 + ?$

$\Rightarrow ? = 3399 - 154 = 3245$

73. (5) $? = \dfrac{3}{14} \times \dfrac{5}{13} \times \dfrac{6}{7} \times 3822 = 270$

74. (1) $? = \dfrac{27}{8} \times \dfrac{40}{9} \div \dfrac{25}{7} - \dfrac{18}{5}$

$= \dfrac{27}{8} \times \dfrac{40}{9} \times \dfrac{7}{25} - \dfrac{18}{5}$

$= \dfrac{21}{5} - \dfrac{18}{5} = \dfrac{3}{5}$

75. (2) $21 \times 24 - 64 + 49 - ? = 361$

$\Rightarrow 504 - 64 + 49 - ? = 361$

$\Rightarrow 489 - ? = 361$

$\Rightarrow ? = 489 - 361 = 128$

76. (4) Let the cost of a tube light and a bulb be Rs. $5x$ and Rs. $2x$ respectively.

$\therefore 4 \times 5x + 3 \times 2x = 260$

$\Rightarrow 26x = 260 \Rightarrow x = \dfrac{260}{26} = 10$

$\therefore$ Cost of 1 tube light and 6 bulbs

$= 5x + 6 \times 2x$

$= 17x = 17 \times 10 = $ Rs. 170

77. (2) Let the numbers respectively be x and $88 - x$.

$\therefore \dfrac{3}{10} x = \dfrac{36}{100}(88 - x)$

$\Rightarrow x = \dfrac{6}{5}(88 - x)$

$\Rightarrow 5x = 528 - 6x$

$\Rightarrow 11x = 528$

$\Rightarrow x = \dfrac{528}{11} = 48$

$\therefore$ Smaller number $= 88 - 48$

$= 40$

78. (1) Vijay's present age = 72 – 42
= 30 years

79. (3) $A = P\left(1 + \dfrac{R}{100}\right)^T$

$\Rightarrow 7500 + 927 = 7500\left(1 + \dfrac{R}{100}\right)^2$

$\Rightarrow \dfrac{8427}{7500} = \left(1 + \dfrac{R}{100}\right)^2$

$\Rightarrow \left(1 + \dfrac{R}{100}\right)^2 = \dfrac{2809}{2500} = \left(\dfrac{53}{50}\right)^2$

$\Rightarrow \left(1 + \dfrac{R}{100}\right) = \dfrac{53}{50}$

$\Rightarrow \dfrac{R}{100} = \dfrac{53}{50} - 1 = \dfrac{3}{50}$

$\Rightarrow R = \dfrac{3}{50} \times 100 = 6\%$ per annum

80. (3) Let the total amount be Rs. x.
∴ Savings' per cent
= [100 – (23 + 33 + 19 + 16)]%
= 9%
∴ 9% of x = 504

$\Rightarrow x = \dfrac{504 \times 100}{9} = 5600$

∴ Expenditure on food and insurance policy together
= 56% of 5600

= Rs. $\left(\dfrac{56 \times 5600}{100}\right)$

= Rs. 3136

81. (2) $99^2 = 9801$
$100^2 = 10000$
∴ $9801 < 9889 < 10000$
∴ Required least number
= 9889 – 9801 = 88.

82. (2) The word POWERS consists of 6 distinct letters.
∴ Number of arrangements = 6!
= 6 × 5 × 4 × 3 × 2 × 1 = 720

83. (1) Let the number be x.

∴ $\dfrac{5}{9} \times \dfrac{62}{100} \times x = 2790$

$\Rightarrow x = \dfrac{2790 \times 9 \times 100}{5 \times 62} = 8100$

84. (5) Let the radius of larger circle be r cm.
∴ $2\pi (r - 14) = 132$

$= r - 14 = \dfrac{132 \times 7}{2 \times 22} = 21$

∴ $r = 21 + 14 = 35$cm

85. (4) Let the maximum marks be x.
∴ 54% of x = 300 + 24

$\Rightarrow \dfrac{x \times 54}{100} = 324$

$\Rightarrow x = \dfrac{324 \times 100}{54} = 600$

∴ Required minimum marks

$= \dfrac{40 \times 600}{100} = 240$

86. (4) The pattern is :
23 + 10 = 33
33 + 13 = 46
46 + 16 = 62
62 + 19 = 81
81 + 22 = 103
103 + 25 = $\boxed{128}$

87. (1) The pattern is :
7 + 7 = 14
14 + 11 = 25
25 + 13 = 38
38 + 17 = 55
55 + 19 = 74
74 + 23 = $\boxed{97}$
i.e. Series is obtained by adding consecutive prime numbers.

88. (3) The pattern is :
9 + 64 = 73
73 + 32 = 105
105 + 16 = 121
121 + 8 = 129
129 + 4 = $\boxed{133}$
133 + 2 = 135

89. (2) Total amount
= Rs. (221 × 43 + 83) = Rs. 9586

90. (3) Decimal equivalent of each fraction :

$\dfrac{6}{11} = 0.\overline{545}$; $\dfrac{13}{23} = 0.565$

$\dfrac{15}{29} = 0.52$; $\dfrac{3}{7} = 0.43$

$\dfrac{4}{13} = 0.31$

Clearly, $\dfrac{4}{13} < \dfrac{3}{7} < \dfrac{15}{29} < \dfrac{6}{11} < \dfrac{13}{23}$

91. (3) $A = P\left(1 + \dfrac{R}{100}\right)^T$

$= 6300\left(1 + \dfrac{4}{100}\right)^2$

$= 6300 \times \dfrac{26}{25} \times \dfrac{26}{25} \approx$ Rs. 6814

92. (3) $?^3 = 108 \times 16$
$= 2^3 \times 3^3 \times 2^3$
$\Rightarrow ? = 2 \times 3 \times 2 = 12$

93. (1) Let the number be x.
∴ $x^2 - 9^2 = 544$
$\Rightarrow x^2 = 544 + 81 = 625$
$\Rightarrow x = \sqrt{625} = 25$

94. (4) Let the angles be $3x$, $5x$ and $7x$.
∴ $3x + 5x + 7x = 180$
$\Rightarrow 15x = 180$

$\Rightarrow x = \dfrac{180}{15} = 12$

∴ Smallest angle = 3 × 12 = 36°
Largest angle = 7 × 12 = 84°
∴ Required difference

$= 2 \times 36 - \dfrac{84}{2}$

$= 72 - 42 = 30°$

95. (2) Let the length and breadth of rectangle be $4x$ and $3x$ cm respectively.
∴ $2(4x + 3x) = 112$
$\Rightarrow 14x = 112$

∴ $x = \dfrac{112}{14} = 8$

∴ Area of rectangle = $4x \times 3x$
$= 12x^2 = (12 \times 8 \times 8)$ cm^2
= 768 cm^2

96. (5) $? = \dfrac{61}{13} \times \dfrac{63}{19} \div \dfrac{32}{7}$

$= \dfrac{61}{13} \times \dfrac{63}{19} \times \dfrac{7}{32} \approx 3$

97. (2) $? = \dfrac{3968}{28} \times 36 + 410$

$\approx 5100 + 410 \approx 5510$
∴ Required answer = 5500

98. (4) 3 men = 8 boys
∴ 2 men + 6 boys

$= 2$ men $+ \dfrac{3}{8} \times 6$ men

$$= \left(2 + \frac{9}{4}\right) \text{ men} = \frac{17}{4} \text{ men}$$

$$\therefore M_1 D_1 = M_2 D_2$$

$$\Rightarrow 3 \times 17 = \frac{17}{4} \times D_2$$

$$\Rightarrow D_2 = \frac{3 \times 4 \times 17}{17} = 12 \text{ days}$$

99. (2) Let the S.P. be Rs. x.

$$\therefore CP = \text{Rs. } \frac{2}{3}x$$

$$\therefore \text{Gain} = x - \frac{2}{3}x = \text{Rs. } \frac{x}{3}$$

$$\therefore \text{Gain per cent} = \frac{\frac{x}{3}}{\frac{2}{3}x} \times 100 = 50$$

100. (3) Let the present ages of Dheeraj and Raman be $2x$ and $3x$ years respectively.

Four years ago,

$$\frac{2x - 4}{3x - 4} = \frac{5}{8}$$

$$\Rightarrow 16x - 32 = 15x - 20$$

$$\Rightarrow x = 32 - 20 = 12$$

$\therefore$ Dheeraj's age after 7 years

$$= 2x + 7$$

$$= 2 \times 12 + 7 = 31 \text{ years}$$

101. (4) Taka
102. (4) Children upto the age of 14 years
103. (3) G-20
104. (3) Mid Day Meal Scheme
105. (5) Common Wealth Games
106. (5) Rs. 2,000 crore
107. (4) 25%
108. (5) Subprime Crisis
109. (2) Ms. Mamta Banerjee
110. (3) Rs. 1,60,000
111. (3) 6%
112. (3) Contour Farming
113. (5) Himachal Pradesh
114. (1) Vishesh Krishi and Gram Udyog Yojana
115. (2) Commodity Transaction Tax
116. (3) 24%
117. (2) Uttar Pradesh
118. (1) Higher Education
119. (3) Industry Sector
120. (4) T.S. Krishnamurthy

121. (4) Service sector
122. (2) Coal
123. (3) ISRO
124. (2) Banana
125. (2) Andhra Pradesh
126. (4) The Golden Gate
127. (4) 2020 **128.** (1) USA
129. (4) USA **130.** (3) 134
131. (2) Electronic Voting Machine
132. (5) ASEAN **133.** (2) China
134. (2) Genetically Modified
135. (5) None of these
136. (4) GBC 00:
137. (3) Denmark
138. (2) Subrato Cup
139. (2) Bangladesh
140. (2) Andhra Pradesh
141. (2) 15%
142. (1) Middle East & North Africa
143. (3) Shri Pranab Mukherjee
144. (3) Panchayati Raj System
145. (3) Tamil
146. (1) Taro Aso
147. (5) New Zealand Grand Prix 2009
148. (1) 2002
149. (3) Rs. 480 lakhs
150. (3) Social Service
151. (1) The correct spelling is : circumstances.
152. (2) All correct
153. (1) The appropriate word should be : entered.
154. (4) The appropriate word should be : determined.
155. (2) The appropriate word should be : accomplish which means : achieve; to succeed in doing or completing something.
156. (4) He wanted to show Rajendra the error of his ways.
157. (5) He was an honest labourer
158. (2) He was a cheat and he exploited them.
159. (4) Mani was clever and a good actor
160. (3) He was very upset and rushed home at once.
161. (5) She was partner in all Rajendra's schemes
162. (1) None
163. (2) Only (C)
164. (1) He did not value honesty.
165. (3) He wanted to boast about his prosperity to his relatives.

166. (2) The meaning of the word 'pleasantly' (Adverb) as used in the passage is : delightfully; joyfully.

Look at the sentence :

I was pleasantly surprised by my exam results.

Hence, the words **pleasantly** and **delightfully** are synonymous.

167. (1) The meaning of the word '**wail**' (Verb) as used in the passage is : to make a long loud high cry because you are sad or in pain; moan.

Look at the sentence :

The little girl was wailing miserably.

Hence, the words **wailing** and **crying** are synonymous.

168. (4) The words **right** and **straight** are synonymous.
169. (3) The words **planned** and **cancelled** are antonymous.
170. (4) The word **celebrate (Verb)** means : to show that a day or an event is important by doing something special on it.

Look at the sentence :

People celebrate New year joyfully.

The word **mourn** (Verb) means : (grieve for ; to feel and show sadness because somebody has died).

Look at the sentence :

He is still mourning his wife's death.

Hence, the words **celebrate** and **mourn** are antonymous.

171. (2) B **172.** (2) C
173. (1) A **174.** (5) E
175. (3) D
176. (3) Here, 'different rates of interest' should be used. The word 'different' is an Adjective.
177. (4) 'We take some' should be used.
178. (1) 'what impact' should be used.
179. (5) No correction requird.
180. (2) 'not have good' should be used. Here, negative sense implies
181. (4) Group of words 'with all his team members' should be replaced by 'among all his team members'. Preposition 'with' has wrongly been used here.
182. (2) Here, preposition 'about' is superfluous.

183. (3) The possessive case of 'company' should be 'its' Hence of its shares' should be used.

184. (4) There is no definite thing. Hence, 'used a wrong strategy' should be used.

185. (4) Active Voice should be used. Hence, she had faced or she was facing........ should be the correct usage.

186. (5) No error

187. (2) Replace 'implemented only in these' by 'implemented only in this'. Here, singular sense is evident.

188. (2) The form of infinitive is : to +V_1 Hence, 'to reach an agreement' should be used.

189. (5) No error

190. (1) The word 'Regulations' is plural. Hence. 'There are all sorts' should be used.

191. (3) try
192. (5) persuaded
193. (1) set
194. (3) prepared
195. (2) loan
196. (2) through
197. (1) people
198. (1) made
199. (4) was
200. (4) way

201. (4) Applications
202. (1) network
203. (3) source code
204. (4) cut and paste
205. (4) Direct operations
206. (4) data warehouse
207. (1) algorithm
208. (2) RAM is the same as hard disk storage
209. (1) root
210. (2) format
211. (2) formula
212. (3) Magnetic tape
213. (4) software
214. (1) binary
215. (3) Mouse and keyboard
216. (3) World Wide Web
217. (1) Batch
218. (3) A CD-RW can be written to, but a CD-ROM can only be read from
219. (2) dragging
220. (3) database
221. (1) operating system
222. (3) template
223. (1) byte
224. (3) CPU
225. (4) Cell
226. (1) Viruses
227. (3) A mailbox
228. (2) PC

229. (3) executable
230. (4) HTML
231. (2) in secondary storage
232. (1) The clipboard
233. (4) value
234. (2) Automatically after
235. (4) Hard Disk Drive
236. (3) Escape
237. (3) Renaming
238. (4) Page Layout
239. (4) Desktop Publishing Program
240. (3) Sub-folder
241. (2) is the colour present under the option menu
242. (2) three
243. (1) full justification
244. (4) Machine language
245. (2) The selected item is pasted from the clipboard
246. (3) Character, field, record, file, database
247. (4) Memory
248. (1) Text formatting
249. (3) Input device
250. (1) Windows