133 .(5)	134 .(2)	135.(4)	136 .(1)
137.(4)	138 .(1)	139 .(2)	140.(4)
141 .(3)	142 .(3)	143 .(1)	144.(4)
145 .(2)	146 .(1)	147 .(3)	148 .(5)
149 .(1)	150.(4)	151 .(3)	152 .(2)
153 .(1)	154.(4)	155 .(3)	156 .(5)
157 .(2)	158.(4)	159 .(5)	160 .(3)
161. (1)	162. (1)	163. (3)	164. (4)
165. (1)	166. (4)	167. (2)	168. (4)
169. (1)	170. (4)	171. (2)	172. (2)
173. (2)	174. (4)	175. (4)	176. (3)
177. (3)	178. (1)	179. (3)	180. (3)
181. (3)	182. (2)	183. (3)	184. (2)
185. (5)	186. (5)	187. (3)	188. (3)
189. (2)	190 .(1)	191. (3)	192. (4)
193. (4)	194. (5)	195 .(1)	196. (5)
197. (1)	198. (5)	199. (1)	200. (5)
193. (4)	194. (5)	195 .(1)	196. (5)

ANSWERS 2 (1) **3** (4)

1. (5)	2 .(1)	3. (4)	4. (4)
5. (4)	6 .(1)	7 .(1)	8. (3)
9. (2)	10. (2)	11 .(1)	12 .(1)
13. (1)	14. (3)	15. (4)	16. (2)
17. (1)	18. (4)	19. (4)	20. (3)
21. {4}	22. (2)	23. (2)	24. (5)
25. (4)	26. (5)	27. (3)	28. (3)
29. (2)	30. (2)	31. (4)	32. (2)
33. (3)	34. (5)	35. (5)	36. (5)
37. (4)	38. (5)	39. (5)	40. (2)
41. (5)	42. (2)	43 .(1)	44. (4)
45. (3)	46. (4)	47. (2)	48. (1)
49. (3)	50. (5)	51. (5)	52. (5)
53. (3)	54. (2)	55. (4)	56. (2)
57. (4)	58. (5)	59 .(1)	60. (3)
61. (4)	62. (1)	63. (2)	64. (5)
65. (3)	66 .(1)	67. (4)	68. (5)
69. (2)	70. (3)	71. (2)	72. (1)
73. (3)	74. (4)	75. (4)	76. (3)
77. (5)	78. (2)	79. (5)	80. (1)
81. (2)	82. (5)	83. (5)	84. (2)
85. (2)	86. (4)	87. (5)	88. (1)
89. (1)	90. (4)	91 .(1)	92. (3)
93. (3)	94 .(3)	95 .(4)	96 .(2)
97. (5)	98 .(4)	99 .(3)	100 .(1)
101 .(3)	102 .(1)	103 .(5)	104 .(3)
105 .(1)	106 .(2)	107 .(5)	108 .(2)
109 .(4)	110 .(3)	111 .(2)	112 .(5)
113 .(1)	114 .(4)	115 .(5)	116 .(1)
117 .(2)	118 .(3)	119 .(5)	120 .(2)
121 .(4)	122 .(2)	123 .(4)	^124 .(1)
125.(5)	126 .(4)	127 .(3)	128 .(2)
129 .(5)	130 .(1)	131 .(3)	132 .(3)

EXPLANATIONS

Ε.	(5)	State	Bank	of India	
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2. (1) Midday Meal Scheme

3. (4) USA

- **4.** (4) Both A and C
- 5. (4) All A, B and C
- 6. (1) Only B and C
- 7. (1) Only A
- 8. (3) Rs. 16,000 crores
- **9.** (2) Rs. 2,000 crores
- **10.** (2) Dr. Manmohan Singh
- 11. (1) South Korea
- 12. (1) North Korea
- **13.** (1) Pademic
- **14.** (3) 5%
- 15. (4) Svetlana Kuznetsova
- **16.** (2) Education Cess
- **17.** (1) Somalia
- 18. (4) Nuclear Non Proliferation Treaty (NPT)
- 19. (4) Nepal
- **20.** (3) Both A and B
- **21.** (4) 25 kg.
- **22.** (2) Oxygen
- 23. (2) Badminton
- 24. (5) Mr. Rahul Gandhi
- **25.** (4) Polymerization **26.** (5) Arunachal Pradesh
- **27.** (3) Any public sector manufacturing unit doing well and earning good profits
- 28. (3) Cricket
- 29. (2) Bharatiya Jnanpith Award
- **30.** (2) 11th July

- **31.** (4) A Private Sector Bank
- 32. (2) White Papers
- 33. (3) Kuldeep Nayyar .
- **34.** (5) Brazil
- **35.** (5) International Standards Organisation
- **36.** (5) 35%
- 37. (4) Kyrgyzstan
- 38. (5) Reserve Bank of India
- **39.** (5) Orissa
- 40. (2) Baking Industry
- **41.** (5) All the three (A), (B) and (C)
- 42. (2) Looked very sorrowful43. (1) Do onto others as you would
- 44. (4) As he had lost all his proper-
- ty and was too old to do manual work
- **45.** (3) Only (A) and (B)
- **46.** (4) A sack full of rice and five gold coins
- **47.** (2) Regret
- **48.** (1) He gave her five grains of rice out of his full bowl of rice
- **49.** (3) As she had taken the rice grains from him and had not given him anything in return
- **50.** (5) None of these
- **51.** (5) The meaning of the word **Gallop (Verb)** as used in the passage is : to run very quickly, when a horse gallops, it moves very fast and each stride includes a stage when all four feet are off the ground together; to ride a horse very fast.

Look at the sentence :

He galloped his horse home. Hence, the words **galloped** and **ran** are synonymous.

52. (5) The meaning of the word **Re**vere (Verb) as used in the passage is : to feel great respect or admiration for somebody/something; idolize.

Hence, the words **revered** and **respected** are synonymous.

53. (3) The meaning of the word Hand (Verb) as used in the passage is : to pass or give something to somebody.
Look at the sentence :

He handed the letter to Sita. Hence, the words **hand** and **give** are synonymous.

54. (2) The meaning of the word Reveal (Verb) as used in the passage is : to make something known to somebody; disclose.

Look at the sentence :

Details of the murder were revealed by the local paper. The word **Conceal (Verb)** means : to hide somebody/something. **Look at the sentence :** The paintings were concealed beneath a thick layer of plaster. Hence, the words **reveal** and **conceal** are antonymous.

55. (4) The meaning of the word **Elate (Verb)** as used in the passage is : to be very happy and excited because of something good that has happened or will happen.

The word **depressed** means: very sad and without hope.

- Hence, the words **elated** and **depressed** are antonymous.
- **56.** (2) B **57.** (4) E
- **58.** (5) F **59.** (1) A
- **60.** (3) C
- (4) Here, took to smoking (Gerund) should be used.
- 62. (1) Here, was very pleased (Adjective) should be used.
- 63. (2) The word shook is past (V₂) form of shake. Hence, shook like a leaf should be used.
- 64. (5) No correction required65. (3) The structure of the sentence
- in Past Perfect is : Subject + had + V, (Past Participle)
- **66.** (1) The correct spelling is : show-case.
- **67.** (4) The correct spelling is : wild.
- 68. (5) All correct69. (2) The appropriate word should
- be : night.**70.** (3) The correct spelling is : exer-
- cises.71. (2) wanted
- 72 (2) wanted
- **72.** (1) quest **73.** (3) called
- **74.** (4) describe
- **75.** (4) smelled **76.** (3) ever
- **77.** (5) explained **78.** (2) season
- **79.** (5) cannot **80.** (1) essence
- **81.** (2) $324 + \sqrt{2} = 350$

$$\Rightarrow \sqrt{?} = 350 - 324 = 26$$

∴ ? = 26 × 26 = 676

82. (5)
$$? = \frac{1530 \times 360}{34 \times 24} = 675$$

83. (5)
$$4015 + ? = 4860$$

⇒? = 4860 - 4015 = 845

84. (2)
$$? = \frac{68+54}{21\times5+139} = \frac{122}{244} = \frac{1}{2}$$

85. (2) $? = \frac{2820}{12} \times 8 = 1880$
86. (4) $? = \frac{1950}{26\times25} = 3$
87. (5) $? = \frac{450\times18}{100} - \frac{96\times75}{100}$
 $= 81 - 72 = 9$
88. (1) $? = 75.75 - 48.32 + 146.92$
 $= 174.35$

89. (1)
$$\frac{25}{3} \times \frac{22}{5} + ? = \frac{222}{5}$$

 $\Rightarrow \frac{110}{3} + ? = \frac{222}{5}$
 $\Rightarrow ? = \frac{222}{5} - \frac{110}{3} = \frac{666 - 550}{15}$
 $= \frac{116}{15} = 7\frac{11}{15}$

90. (4) ? =
$$\frac{27.28}{2.2}$$
 + 4.7 × 1.5
= 12.4 + 7.05 = 19.45

91. (1) ? =
$$\frac{315 \times 5}{9} + \frac{455 \times 3}{7}$$

=175 + 195 = 370

92. (3) $\frac{780 \times 145}{100} + \frac{250 \times ?}{100} = 1231$

$$\Rightarrow 1131 + \frac{5 \times ?}{2} = 1231$$
$$\Rightarrow \frac{5 \times ?}{2} = 1231 - 1131 = 100$$
$$\therefore ? = \frac{100 \times 2}{2} = 40$$

93. (3)
$$? = 2104 \times \frac{1}{5} \times \frac{1}{3} \times \frac{1}{8}$$

= 526

94. (3)
$$? = 16.45 \times 5.2 \times 2.5$$

= 213.85

95. (4) ? =
$$\frac{640 \times 2.25}{100} - \frac{480 \times 1.5}{100}$$

- = 14.40 7.20 = 7.2
 96. (2) The pattern of the numbe series is :
 - $11 \times 1 + 1 = 12$ $12 \times 2 + 2 = 26$
 - $26\times3+3=81$

$$81 \times 4 + 4 = 328$$

97. (5) The pattern of the number series is : $5120 \div 4 = 1280$ $1280 \div 4 = 320$ $320 \div 4 = 80$ $80 \div 4 = 20$ 98. (4) The pattern of the number series is : $7 + 2^2 = 11$ $11 + 4^2 = 27$ 27 + 6² = 63 $63 + 8^2 = 127$ 99. (3) The pattern of the number series is : $6 + 2^2 = 10$ $10 + 2^3 = 18$ $18 + 2^4 = 34$ $34 + 2^5 = 66$ 100. (1) The pattern of the number series is : 5 + 6 = 1111 + 12 = 2323 + 24 = 4747 + 48 = 95 **101.** (3) If A = x, then E = x + 8 $\therefore x + x + 8 = 2 \times 46$ $\Rightarrow 2x + 8 = 92$ $\Rightarrow 2x = 92 - 8 = 84$ $\therefore x = 42$ \therefore The largest number =E = x + 8= 42 + 8 = 50 **102.** (1) Speed of the train = 66 kmph $=\left(\frac{66\times5}{18}\right)$ metre/sec. $=\frac{55}{3}$ metre/sec. :. Length of train = Speed × time taken in crossing the pole $= \frac{55}{3} \times 18 = 330 \text{ metre}$ 103. (5) Required average $= \frac{155 + 128 + 137 + 140 + 160 + 132}{-}$ 6 $=\frac{852}{6}=142$ **104.** (3) Let the number be 10x + y. x + y = 6...(i) and, 10x + y - 10y - x = 18 \Rightarrow 9x - 9y = 18 $\Rightarrow x - u = 2$

x = 4 and y = 2∴ Required number = 42 105. (1) Interest = Rs. (77400 - 45000) = Rs. 32400 Interest ×100 \therefore Rate = $\overline{Principal \times Time}$ $=\frac{32400 \times 100}{45000 \times 8} = 9\%$ per annum 45000×8 **106.** (2) If the number be x, then $\frac{3x}{5} - \frac{40 \times x}{100} = 85$ $\Rightarrow \frac{x}{5} = 85$ $\Rightarrow x = 85 \times 5 = 425$ $\therefore 60\% \text{ of } 425 = \frac{425 \times 60}{100} = 255$ 107. (5) Total expenditure percentage =(12 + 18 + 50)% = 80%. Savings percentage = 20 If Rajesh's monthly income be Rs. x, then $x \times \frac{20}{100} = 5200$ $\Rightarrow x = \text{Rs.} (5200 \times 5)$ = Rs. 26000 **108.** (2) $M_1 D_1 = M_2 D_2$ $\Rightarrow 24 \times 15 = 18 \times D_2$ $\Rightarrow D_2 = \frac{24 \times 15}{18} = 20 \text{ days}$ 109. (4) Ratio of shares = 40000 : 75000 = 8 : 15 \therefore Rasika's share =Rs. $\left(\frac{8}{23} \times 46000\right)$ = Rs. 16000 110. (3) Let the present ages of Rama and Shyama be 4x and 5x years respectively. $\therefore \frac{4x+5}{5x+5} = \frac{5}{6}$ $\Rightarrow 25x + 25 = 24x + 30$ $\Rightarrow x = 30 - 25 = 5$ \therefore Rama's present age = 4 × 5 = 20 years **111.** (2) CI = P $\left| \left(1 + \frac{\text{Rate}}{100} \right)^{\text{Time}} - 1 \right|$ $= 25000 \left[\left(1 + \frac{12}{100} \right)^2 - 1 \right]$

From equations (i) and (ii),

 $= 25000 \left[\left(\frac{28}{25} \right)^2 - 1 \right]$ $= 25000 \left(\frac{784 - 625}{625} \right)$ = Rs. $\left(\frac{25000 \times 159}{625}\right)$ = Rs. 6360 112. (5) If the cost of 1 calculator and that of 1 watch be Rs. x and Rs. # respectively, then 10x + 12y = 11000Multiplying both sides by 3, we have $30x + 36y = 3 \times 11000$ = Rs. 33000 113. (1) Cost price of the TV set 100 $= \frac{100}{100 + \text{profit}\%} \times \text{S.P.}$ $= \text{Rs.}\left(\frac{100}{118} \times 16756\right)$ = Rs. 14200 **114.** (4) $x \times \frac{5}{8} = y \times \frac{60}{100} = y \times \frac{3}{5}$ $\Rightarrow \frac{x}{y} = \frac{3}{5} \times \frac{8}{5} = 24:25$ **115.** (5) $\frac{4}{9} = 0.44$; $\frac{2}{7} = 0.285$ $\frac{3}{8} = 0.375; \frac{6}{13} = 0.46$ $\frac{5}{11} = 0.454$ Clearly, $\frac{6}{13} > \frac{5}{11} > \frac{4}{9} > \frac{3}{8} > \frac{2}{7}$ 116. (1) Average number of employees working in Marketing department $= \frac{150 + 90 + 115 + 200 + 190}{100}$ 5 $=\frac{745}{5}=149$ 117. (2) Total number of employees working in all the departments of organization B together = 80 + 75 + 90 + 110 + 120= 375 118. (3) Required ratio

= (75 + 90) : (220 + 200) $= 165 \cdot 420 - 11 \cdot 28$

119. (5) Required ratio = (145 + 80 + 120 + 180 + 160):(180 + 120 + 130 + 110 + 130)= 685 : 670 = 137 : 134 120. (2) Total number of employees in organization C =(120 + 100 + 115 + 160 + 130)**131.** (3) **= 62**5 Required percentage $= \frac{160}{625} \times 100 = 25.6$ 121. (4) 2 18 7 8 20 5 14 -9 G в R I Н Т E N t 122. (2) F I G H T TEARS $\downarrow \downarrow \uparrow \uparrow \uparrow \downarrow$ $\downarrow \downarrow \downarrow \downarrow \downarrow \downarrow \downarrow$ 39%@4 M 458©★ Therefore, STAGE $\downarrow \downarrow \downarrow \downarrow \downarrow \downarrow \downarrow$ ***** 4 8 % 5 123. (4) B > C > D, A, E 124. (1) 1 3 5 7 9 8642 1 3 5 7 -8642 1 3 5 7 -864-1 3 5 - -8.6 4 -125. (5) Jug. Cup, Mug and Pitcher are containers. 126. (4) Except the number 65, all others are multiples of 3. . $93 \div 3 = 31; 57 \div 3 = 19;$ $69 \div 3 = 23; 87 \div 3 = 29$ **127.** (3) $16 \times 8 + 4 - 6 \div 3 = ?$ $? = 16 - 8 \div 4 + 6 \times 3$ $\Rightarrow ? = 16 - 2 + 18 = \boxed{32}$ **128.** (2) Meaningful Word \Rightarrow RUDE **129.** (5) 11 boys i i i 6 boys

> There is only one boy in between F and D.





141. (3)

 $F \xrightarrow{+6} D \xrightarrow{+6} T \xrightarrow{+6} Q$ $3 \xrightarrow{+6} P \xrightarrow{+6} W \xrightarrow{+6} E$ $1 \xrightarrow{+6} 4 \xrightarrow{+6} N \xrightarrow{+6} B$

142. (3)

C	consonant Number Consonant
<u> </u>	Such combinations are :
	P4H, T8W
143	(1) 8th to the right of the 17th
1.10.	from the right end means 9th
	from the right end, i.e., E.
(144	-149) :
	(i) All wires are tents \rightarrow Univer-
	sal Affirmative (A-type).
	(ii) Some cards are pictures \rightarrow
	Particular Affirmative (I-type).
	(iii) No glass is table \rightarrow Univer-
	sal Negative (E-type).
	(iv) Some glasses are not tables
	\rightarrow Particular Negative (O-type).
144.	(4) All telephanes are wires.
	Karan and a start of the start
	All wires are tents.
	$A + A \Rightarrow$ A-type of Conclusion
	"All telephones are tents."
	Conclusion II is Converse of it.
•	All wires are tents.
	All tents are cans.
	$A + A \Rightarrow A$ -type of Conclusion
	"All wires are cans."
	Conclusion I is Converse of it.
	All telephones are tents.
	· · · · · · · · · · · · · · · · · · ·
	All tents are cans.
	$A + A \Rightarrow A$ -type of Conclusion
	"All telephones are cans."
	Conclusion III is Converse of it.
145.	(2) Some cards are pictures.
	All pictures are paints.
	$I + A \Rightarrow I$ -type of Conclusion
	"Some cards are paints."
	Conclusion I is Converse of it.
1 46 .	(1) All walls are glasses.
	No glass is table.
	$A + E \Rightarrow E$ -type of Conclusion
	"No wall is table."
147.	(3) Some poles are lamps.
-	All lamps are roads

All lamps are roads. $I + A \Rightarrow I$ -type of Conclusion "Some poles are roads." Conclusion II is Converse of it. Conclusion III is converse of the second Premise.

148. (5) Conclusion II is the same as the third Premise Conclusions I and III form Complementary Pair. Therefore, either I or III follows. 149. (1) All pictures are bands. Some bands are chairs. $A + I \Rightarrow No Conclusion$ (150 - 155) : $\delta \Rightarrow \geq \bigstar \Rightarrow \leq$ % ⇒< \$ ⇒> @=⇒= **150.** (4) B % N \Rightarrow B < N $N \; \delta \; F \; \; \Rightarrow N \geq F$ $F \star H \Rightarrow F \leq H$ Therefore, $B < N \ge F \le H$ Conclusions I. $H \$ N \Rightarrow H > N :$ Not True II. $F \% B \Rightarrow F < B$: Not True III. B % H \Rightarrow B < H : Not True **151.** (3) W $\delta F \implies W \ge F$ $F \% K \Rightarrow F < K$ $K \otimes M \implies K > M$ Therefore, $W \ge F < K > M$ Conclusions I. $M \% F \Rightarrow M < F$: Not True H. $M \delta F \Rightarrow M \ge F$: Not True III. W S K \Rightarrow W > K : Not True M may be smaller than or greater than or equal to F. Therefore, either I or II is true. **152.** (2) W $\$ B \Rightarrow W > B $B @ M \Rightarrow B = M$ $M \star R \Rightarrow M \leq R$ Therefore, $W > B = M \le R$ Conclusions I. $R \$ B \Rightarrow R > B$: Not True II. $\mathbf{R} \otimes \mathbf{B} \Rightarrow \mathbf{R} = \mathbf{B}$: Not True R is either greater than or equal to B. Therefore, either I or II is true. III. M % W \Rightarrow M < W : True **153.** (1) $M \star D \Rightarrow M \leq D$ $D \ S \ K \Rightarrow D > K$ $K @ T \implies K = T$ Therefore, $M \le D > K = T$ Conclusions I. $T \% D \Rightarrow T < D$: True II. K % M \Rightarrow K < M $\,:\,$ Not True III. M % T \Rightarrow M < T : Not True **154.** (4) K @ F \implies K = F $F \ M \implies F > M$ $M \delta T \Rightarrow M \ge T$

Therefore, $K = F > M \ge T$

```
Conclusions
   Т % F
```

	I. T % F \Rightarrow T < F : True
	II. M % $K \Rightarrow M < K$: True
	II $K \$ T \implies K > T$: True
155.	$(3) N \star A \implies N \leq A$
	$A \% B \Rightarrow A < B$
	$\mathbf{B} \delta \mathbf{D} \implies \mathbf{B} \ge \mathbf{D}$
	Therefore, $N \leq A < B \geq D$
	Conclusions
	$1 D \not = 0 \land A \rightarrow D \land A \rightarrow Mat The$

- 1. $D \% A \Rightarrow D < A$: Not True
- II. $B \$ N \Rightarrow B > N$: True
- II. N % D \Rightarrow N < D : Not True
- 156. (5) From Problem Figures (1) to (2) all the four designs rotate 90° clockwise. From Problem Figure (2) to (3) the two designs from the left interchange positions. These two steps are continued in the subsequent figures alternately.
- 157. (2) The following changes occur in the subsequent figures : (1) to (2) (2) to {3}



These two steps are repeated alternately in the subsequent figures.

158. (4) The following changes occur in the subsequent figures :



These two steps are continued in the subsequent figures. 159. (5) The following changes occur

in the subsequent figures :



These two steps are continued in the subsequent figures alternately.

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





These two steps are continued in the subsequent figures alternately.

- **161.** (1) pageup 162. (1) binary
- **163.** (3) Hardware 164. (4) control
- **165.** {1) modifier 166. (4) barcods
- 167. (21 ROM 168. (4) Icons
- 169. (1) Recyle Bin 170. (4) Character
- **171.** (2) @
- 172. (2) multitasking
- **174.** (4) memory **173.** (2) Output
- 175. (4) power-on-sell-test
- 176. (3) secondary storage device
- 177. (3) New
- 178. (1) Calling on a prospective customer
- 179. (3) Read and Write
- 180. (3) Relation between salesperson
- 181. (3) Relationship marketing
- 182. (2) Leads provided by operation stall'
- 183. (3) converting a prospect into a client
- 184. (2) Service marketing
- 185. (5) All of these
- 186. (5) After-sales service
- 187. (3) Entire organisation
- **188.** (3) Selling is pare of marketing
- 189. (2) Start
- **190.** (1) Chart Wizard
- 191. (3) Whole organisation
- **192.** (4) selling services
- 193. (4) a long term inspiration
- **194.** (5) All of these
- 195. (1) Face-to-face marketing
- 196. (5) All of these
- 197. (1) an ancient concept
- 198. (5) All of these
- 199. (1) Buyer's market
- 200. (5) All of these

(2) to (3)

(2) to (3)

