

SBI/RBI/RRB MOCK-2 SOLUTION



Q. 1-40. See on Page No. 4

41. (2); 42. (5); 43. (1); 44. (3); 45. (2);
 46. (4); 47. (2); 48. (3); 49. (1); 50. (5);
 51. (4); 52. (3); 53. (1); 54. (5); 55. (2);
 56. (2); "does" will be replaced by "did"
 57. (1); "Dress" will be replaced by "Dressed"
 58. (3); "who" will be replaced by "which"
 59. (5); No Error
 60. (5); No Error
 61. (4); Correct spelling is "fined"
 62. (2); Correct spelling is "phase"
 63. (1); Correct spelling is "board"
 64. (3); Correct spelling is "weight"
 65. (5); All correct
 66. (5); 67. (2); 68. (4); 69. (3); 70. (1);
 71. (4); 72. (2); 73. (5); 74. (3); 75. (1);
 76. (3); 77. (5); 78. (1); 79. (4); 80. (2);
 81. (2); $\frac{1148}{28} \times \frac{1408}{32} = ?$
 $\Rightarrow 41 \times 44 = ?$
 $\Rightarrow ? = 1804$
 82. (2); $\sqrt{3481} = ? \Rightarrow ? = 59$
 83. (5); $? = 1425 + 8560 + \frac{1680}{200}$
 $\Rightarrow ? = 1425 + 8560 + 8.4 = 9993.4$
 84. (5); $? = 36863 + 12473 + 21045 - 44102$
 $? = 70381 - 44102 = 26279$
 85. (4); $\frac{3.2}{100} \times 500 \times \frac{2.4}{100} \times ? = 288$
 $\Rightarrow ? = 288 \times \frac{100}{3.2} \times \frac{1}{500} \times \frac{100}{2.4} \Rightarrow ? = 750$

86. (4); $? = 56.703 - 63.179 + 49.361$
 $\Rightarrow ? = 106.064 - 63.179 = 42.885$
 87. (1); $? = 135 - \frac{924}{132} \times 6$
 $\Rightarrow ? = 135 - 7 \times 6 \Rightarrow ? = 135 - 42 = 93$
 88. (5); $? = \frac{13}{5} \times \frac{30}{13} \times \frac{4}{3} \times \frac{9}{16} = 4\frac{1}{2}$
 89. (1); $36 \times 81 \div 27 = ? \times 5$
 $\Rightarrow ? = \frac{36 \times 3}{5} = 21.6$
 90. (3); $? = 750.46 + 114.09 - 840.04 + 13.09$
 $\Rightarrow ? = 877.64 - 840.04 = 37.60$
 91. (5); $? = \frac{238}{17} \times 12$
 $\Rightarrow ? = 14 \times 12 = 168$
 92. (3); $(?)^2 = \frac{264}{24} + 121 + 12$
 $\Rightarrow (?)^2 = 11 + 121 + 12 \Rightarrow \sqrt{(?)^2} = \sqrt{144}$
 [taking square root on both sides]
 $\Rightarrow ? = 12$
 93. (2); $? = \frac{29 \times 8}{5} = 46.4$
 94. (4); $? = \frac{64}{100} \times 750 \times \frac{1}{4} \times 5 = 600$
 95. (4); $(0.2)^? = (0.02)^{2 \times 5 + 4 - (3 \times 2)}$
 $? = 10 + 4 - 6 = 8$
 96. (4); Let the common ratio be x
 \therefore Length of the rectangular plot = $6x$
 And breadth of the rectangular plot = $5x$
 According to question
 $6x - 5x = 34 \Rightarrow x = 34$
 \therefore Perimeter of the rectangular plot
 $= 2(6 \times 34 + 5 \times 34) = 2(204 + 170)$
 $= 2(374) = 748$ metre
 97. (3); Let the cost of 1 table and 1 chair be ₹ x and ₹ y respectively.
 According to question
 $7x + 12y = 48250$
 By multiplying above equation by 3 we get
 $21x + 36y = 144750$
 Required amount = ₹ 1,44,750/-

98. (3); A's 1 day work = $\frac{1}{12}$

Let the B, can complete the same piece of work in x days

\therefore B's 1 day work = $\frac{1}{x}$

According to question

$$\frac{1}{12} + \frac{1}{x} = \frac{1}{8}$$

$$\Rightarrow \frac{x+12}{12x} = \frac{1}{8} \Rightarrow 8x+96=12x$$

$\Rightarrow 4x=96 \Rightarrow x=24$ days

99. (2); The total number of ways to arrange the letters of word 'MIRACLE' = $7! = 5040$

100. (4); Let the ten's digit be x .

and the unit's digit be y .

According to question

$x + y = 12$... (i)

$x - y = 6$... (ii)

By solving eq. (i) and (ii), we get; $x = 9$ and $y = 3$

\therefore The number is 93

But there are 2 choices, the number can be 39 or 93 [Both, 39 and 93, satisfying all the conditions given in the question]

Ans (101-105) : Number of students passed in five classes of a school over the years.

Years	Classes					Total
	VI	VII	VIII	IX	X	
2003	62	69	74	66	60	331
2004	50	71	77	73	54	325
2005	57	57	70	63	61	308
2006	63	55	65	67	75	325
2007	62	57	62	64	72	317
2008	60	69	79	75	67	350
2009	63	72	74	72	77	358
Total	417	450	501	480	466	2314

101. (3);

102. (4); Required average = $\frac{11+6+9+12+10+5+3}{7}$
 $= \frac{56}{7} = 8$

103. (2); Required ratio = 325 : 42

104. (5); Total number of students appeared in class IX over the years

$$= 74 + 79 + 70 + 71 + 74 + 80 + 81 = 529$$

Required percentage = $\frac{480}{529} \times 100 = 90.74\%$

105. (1);

106. (2); $65 \quad 73 \quad 137 \quad 353 \quad 865 \quad 1865$
 $\quad \quad \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$
 $\quad \quad \quad + (2)^3 \quad + (4)^3 \quad + (6)^3 \quad + (8)^3 \quad + (10)^3$

107. (3);

$444 \quad 467 \quad 513 \quad 582 \quad 674 \quad 789 \quad 927$
 $\quad \quad \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$
 $\quad \quad \quad +23 \quad +46 \quad +69 \quad +92 \quad +115 \quad +138$
 $\quad \quad \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$
 $\quad \quad \quad +23 \quad +23 \quad +23 \quad +23 \quad +23$

108. (2); $1 \quad 16 \quad 81 \quad 256 \quad 625 \quad 1296 \quad 2401$

$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
 $(1)^4 \quad (2)^4 \quad (3)^4 \quad (4)^4 \quad (5)^4 \quad (6)^4 \quad (7)^4$

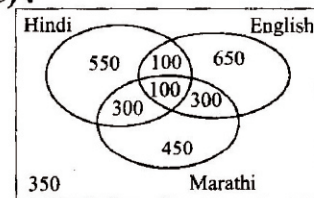
109. (5);

$23 \quad 25 \quad 53 \quad 163 \quad 657 \quad 3291 \quad 19753$
 $\quad \quad \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$
 $\quad \quad \quad \times 1+2 \quad \times 2+3 \quad \times 3+4 \quad \times 4+5 \quad \times 5+6 \quad \times 6+7$

110. (4);

$13 \quad 13 \quad 65 \quad 585 \quad 7605 \quad 129285 \quad 2714985$
 $\quad \quad \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$
 $\quad \quad \quad \times 1 \quad \times 5 \quad \times 9 \quad \times 13 \quad \times 17 \quad \times 21$
 $\quad \quad \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow \quad \uparrow$
 $\quad \quad \quad +4 \quad +4 \quad +4 \quad +4 \quad +4$

Ans (111-115) :



111. (2); Required number of members = $300 + 300 + 100 + 100 = 800$

112. (5); Required number of members = $550 + 300 + 100 + 100 = 1050$

113. (5); 350

114. (2); Required difference = $300 - 100 = 200$

115. (2); Required number of members = $550 + 450 + 650 = 1650$

116. (2); $A + B + C = 26 \times 3 = 78$ years

$A + C = 29 \times 2 = 58$ years

\therefore B's age = $78 - 58 = 20$ years

117. (4); Let the common ratio be x
 \therefore A's share = $3x$; B's share = $5x$; C's share = $8x$
 D's share = $9x$

According to question

$$9x - 3x = 1872 \Rightarrow x = \frac{1872}{6} = 312$$

$$\therefore \text{Required amount} = (5 \times 312 + 8 \times 312) = ₹ 4,056/-$$

118. (5); Let the two positive integers be x and y ,

According to question,

$$\frac{251 + x + y + 65}{4} = 124.5$$

$$\Rightarrow 316 + x + y = 498$$

$$\Rightarrow x + y = 182 \quad \dots (i)$$

$$\text{and } x - y = 26 \quad \dots (ii)$$

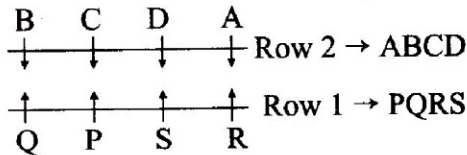
By solving (i) and (ii), we get, $x = 104$ and $y = 78$

\therefore Required integer = 104

119. (4);

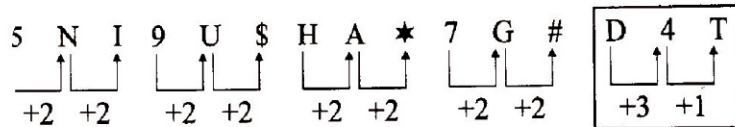
120. (3); The total number of ways to arrange the letters of word 'CLOWN' = $5! = 5 \times 4 \times 3 \times 2 \times 1 = 120$

Ans. (121-125):



121. (3); 122. (1); 123. (4); 124. (5); 125. (3);

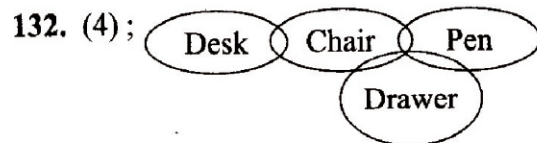
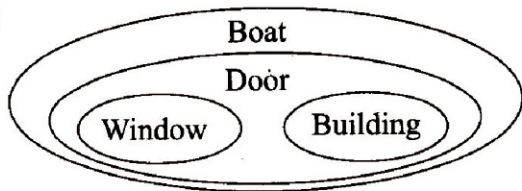
126. (5);



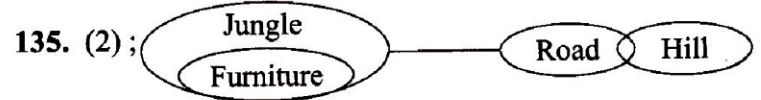
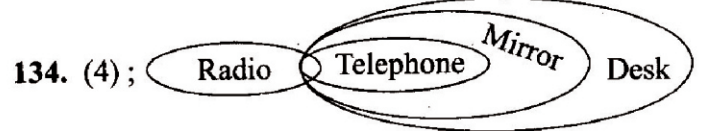
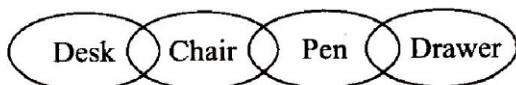
127. (1); 128. (5); P 129. (2);

130. (4); {2 M E, 9 F U, 6 H J}

131. (4);



Or



Ans (136-140):

$\rightarrow \geq$ % $\rightarrow \leq$ @ $\rightarrow >$
 \$ $\rightarrow <$ © $\rightarrow =$

136. (4); $H = W \leq R > F$

Conclusions: I. $R = H \rightarrow$ False [$\because H \leq R$]

II. $R > H \rightarrow$ False [$\because H \leq R$]

137. (1); $M < T > K = D$

Conclusions: I. $D < T \rightarrow$ True

II. $K < M \rightarrow$ False

[\because Relationship does not exist]

138. (2); $R \leq N \geq F > B$

Conclusions: I. $F = R \rightarrow$ False

[\because Relationship does not exist]

II. $B < N \rightarrow$ True

139. (4); $H > W < M \geq K$

Conclusions: I. $K < W \rightarrow$ False

[\because Relationship does not exist]

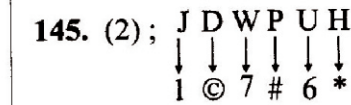
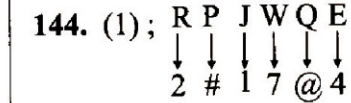
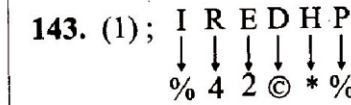
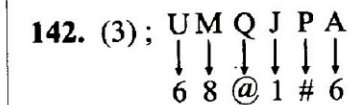
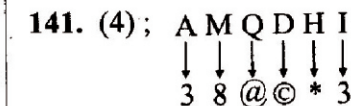
II. $H > M \rightarrow$ False

[\because Relationship does not exist]

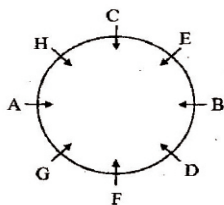
140. (5); $R \geq T = M > D$

Conclusions: I. $D < T \rightarrow$ True

II. $R \geq M \rightarrow$ True



Ans (146-150) :



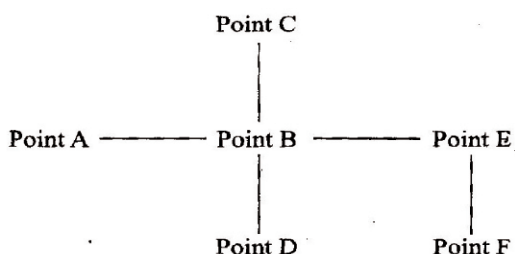
146. (4); 147. (2); 148. (3); 149. (5); A 150. (1); 151. (5);

Floor	People
6th	P
5th	T
4th	R
3rd	S
2nd	Q
Ist (Ground Floor)	V

All the three statements are necessary to answer the question.

152. (2); ANSWER → Statement (1) and (2) are sufficient to answer the question.

153. (2);



Statement (1) and (3) are sufficient to answer the question

154. (5); One of its kind → zo pi ko fe
 money of various kind → qu ko zo hy
 its point for origin → ba le fe mi
 From the above three arrangements, we can obtain code as under :

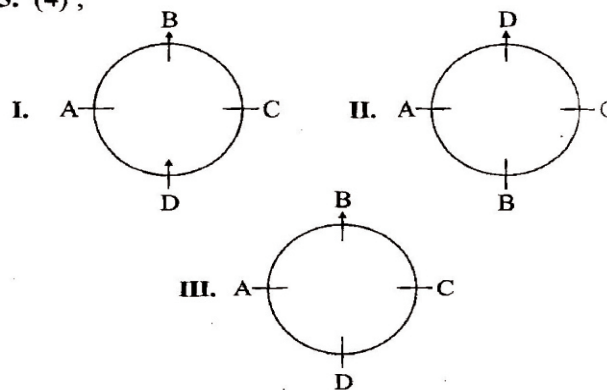
“of kind” → zo ko

“its” → fe

“one” → pi

All the three statements are necessary to answer the question.

155. (4);



Statement (1), (2) or (3) alone are sufficient to answer the question

Ans. (156-160) :

Friend	Profession	Colour
B	Engineer	Red
S	Actor	Maroon
R	Cricketer	Yellow
M	Lawyer	Black
G	Doctor	Violet
Y	Pilot	Blue
K	Army Chief	Green

156. (2); 157. (2); 158. (4); 159. (1); 160. (3);

161. (3); 162. (2); 163. (4); 164. (1); 165. (4);

166. (1); 167. (3); 168. (3); 169. (2); 170. (1);

171. (1); 172. (2); 173. (1); 174. (1); 175. (3);

176. (2); 177. (4); 178. (2); 179. (3); 180. (1);

181. (4); 182. (3); 183. (2); 184. (3); 185. (2);

186. (2); 187. (1); 188. (2); 189. (1); 190. (4);

191. (4); 192. (4); 193. (2); 194. (3); 195. (5);

196. (2); 197. (1); 198. (1); 199. (3); 200. (1);

Question 1-40: General Awareness

- 1) Ans. (B) Rajeev Shukla
- 2) Ans. (C) INS Kalvari
- 3) Ans. (A) India
- 4) Ans. (C) Delhi
- 5) Ans. (A) Delhi International Airport Limited
- 6) Ans. (D) Operation Decisive Storm
- 7) Ans. (B) Spain
- 8) Ans. (A) IIT-Kanpur
- 9) Ans. (B) Serena Williams
- 10) Ans. (D) Novak Djokovic
- 11) Ans. (C) Dena Bank
- 12) Ans. (A) Adunis
- 13) Ans. (A) Albert Einstein's theory of special relativity
- 14) Ans. (D) Chess

- 15) Ans. (C) Bengaluru
- 16) Ans. (B) Food safety: From farm to plate, make food safe
- 17) Ans. (D) Salt Lake Stadium, Kolkata
- 18) Ans. (C) 112
- 19) Ans. (D) Gujarat
- 20) Ans. (A) Sumit Mazumder
- 21) Ans. (A) 6%
- 22) Ans. (B) 101
- 23) Ans. (C) Nasim Zaidi
- 24) Ans. (D) Tamil
- 25) Ans. (A) Micro Units Development and Refinance Agency
- 26) Ans. (D) Small Industries Development Bank of India (SIDBI)
- 27) Ans. (C) Snapdeal

- 28) Ans. (B) Telangana
- 29) Ans. (A) 49%
- 30) Ans. (D) Kumar Sangakkara
- 31) Ans. (D) Sachin Tendulkar
- 32) Ans. (C) Odisha
- 33) Ans. (B) Sikkim
- 34) Ans. (A) Kazakhstan
- 35) Ans. (C) Mohan Kumar
- 36) Ans. (A) Nokia
- 37) Ans. (D) Mulayam Singh Yadav
- 38) Ans. (B) Chinnaswamy stadium, Bengaluru
- 39) Ans. (A) Assamese
- 40) Ans. (A) Canada