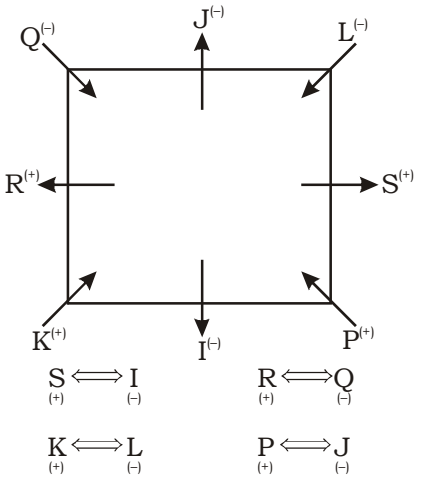
RBI ASSISTANT (PHASE - II) MOCK TEST-124 (SOLUTION)

REASONING

(1–5):

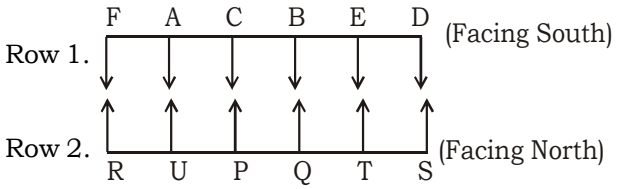


$S \underset{(+)}{\Longleftrightarrow} I \underset{(-)}{}$ $R \underset{(+)}{\Longleftrightarrow} Q \underset{(-)}{}$

$K \underset{(+)}{\Longleftrightarrow} L \underset{(-)}{}$ $P \underset{(+)}{\Longleftrightarrow} J \underset{(-)}{}$

1. (5) 2. (3) 3. (3)
4. (1) 5. (5)

(6 - 9):



6. (1) 7. (5) 8. (3)
9. (2) 10. (5)

(11 -15):

@ → ≤ # → > % → ≥

© → < $ → =

11. (2) **Given statements :**

P = Q ≤ R < S ≤ G ≥ H; T < P; G = J

Combining the statements,

T < P = Q ≤ R < S ≤ G = J

I. T < S → True

II J > Q → True

Both conclusions I and II are true.

12. (5) Combining the statements,

P = Q ≤ R < S ≤ G = J

I. P > S → False

II. R = J → False

Neither conclusion I nor II is true.

13. (4) **Given statements :**

A ≤ D = F < G, F ≤ K

Combining the statements,

A ≤ D = F ≤ K

I. K > A → Doubt

II. K = A → Doubt

Either conclusion I or II is true.

14. (3) **Given statements :**

I > J ≤ K < L = T > X ≥ E; M = L ≤ N

I. J > X → False

K < L ≤ N

II. K < N → True

Only conclusion II is true

15. (1) Combining the statements,

M = L = T > X ≥ E

I. M > E → True

I > J ≤ K < L = T > X

II. I < T → False

Only conclusion I is true.

(16–20):

mobile phone are real → vk jd ba ef ..... (i)

give the parallel phone → qn vk hf om .... (ii)

real people never give → tx ba su hf.... (iii)

the phone are intersecting → mi om jd vk ..... (iv)

From (i) and (ii), phone → vk .....(v)

From (i) and (iii), real → ba .....(vi)

From (i), (iv) and (v), are → jd .....(vii)

From (i), (v), (vi) and (vii), mobile → ef .....(viii)

From (ii), (iv) and (v), the → om ..... (ix)

From (ii) and (iii), give → hf ..... (x)

From (ii), (v), (ix) and (x), parallel → qn ..... (ix)

From (iii), (vi) and (x), People/never → tx/su ..... (xii)

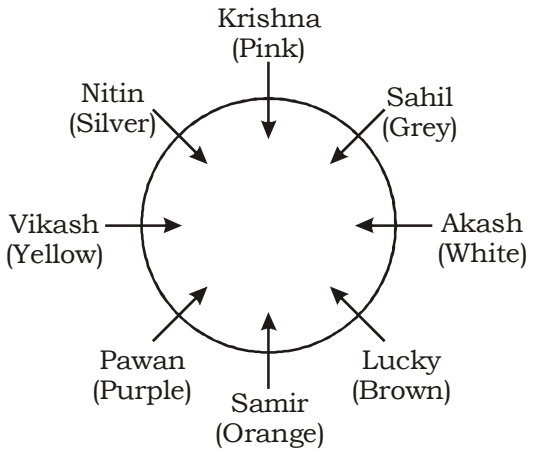
From (iii), (vi) and (x), People/never → tx/su ..... (xii)

From (iv), (v), (vii) and (ix),

interesting → mi ..... (xiii)

16. (4) 17. (4) 18. (1)
19. (1) 20. (4)

(21-25) :



21. (2) 22. (4) 23. (1)
24. (3) 25. (4)

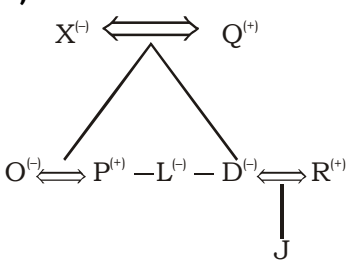
(26 - 30)

The machine rearrange one word and one number in each step. As for word, the words are arragnged in alphabetical order while for numbers, perfect square and non-perfect square come in each alternate step in ascending order.

Input : ice 17 sitting 100 bull 15 49 jump 25 quail 64 3 firefly 20 tiger
Step I: bull 25 ice 17 sitting 100 15 49 jump quail 64 3 firefly 20 tiger
Step II: bull 25 firefly 3 ice 17 sitting 100 15 49 jump quail 64 20 tiger
Step III: bull 25 firefly 3 ice 49 17 sitting 100 15 jump quail 64 20 tiger
Step IV: bull 25 firefly 3 ice 49 jump 15 17 sitting 100 equail 64 20 tiger
Step V: bull 25 firefly 3 ice 49 jump 15 quail 64 17 sitting 100 20 tiger
Step VI: bull 25 firefly 3 ice 49 jump 15 quail 64 sitting 17 100 20 tiger
Step VII: bull 25 firefly 3 ice 49 jump 15 quail 64 sitting 17 tiger 100 20

26. (2) 27. (2) 28. (2)
29. (1) 30. (2)

(31-33) :

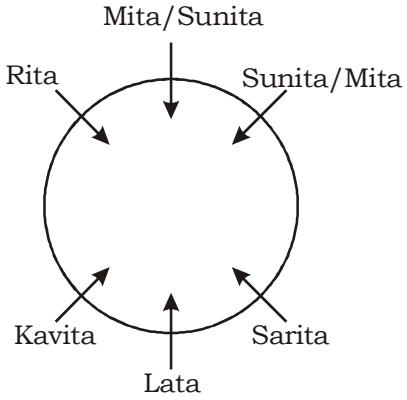


31. (1) 32. (5) 33. (4)

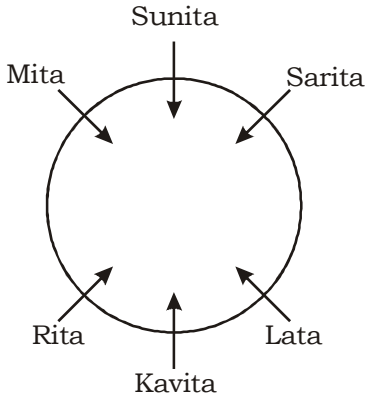
(34-36) :

S > Q > T > P > U > R
↓ ↓
90 55

34. (1)
35. (4) T's score = 55 + 22 = 77 (odd number)
36. (3) Q + 5 = 189
⇒ 90 + 5 = 189
⇒ S = 189 – 90 = 99
Now, 99 + 55 = 154
37. (3) **From I :**

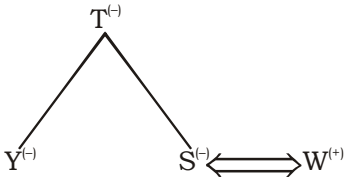


Thus, Kavita sits on the immediate left of Lata.
Hence, I alone is sufficient to answer the question.
From II :



Thus, Kavita sits on the immediate left of Lata.
Hence, II alone is sufficient to answer the question.
38. (1) **From I :**
Hina's rank from the top = 40 – 28 + 1 = 13
Hence, I alone is sufficient to answer the question.
From II :
Kusum's rank is not known. Hence , we can't determine the rank of Hina.
Hence, statement II alone is not sufficient to answer the question.
39. (4) **From I and II :**
N > P, Q and
Q, M > O
Hence both I and II together are not sufficient to answer the question.

40. (5) **From I and II :**



Thus, W is brother-in-law of Y. Hence both I and II are necessary to answer the questions

ENGLISH LANGUAGE

(56 – 65) :

56. (2) Replace 'by' into 'with'.
57. (1) Add 'as' after intelligent.
58. (3) Replace 'may' into 'should'.
59. (2) Add 'not only' after equipped.
60. (2) Replace 'nor sent me' into 'nor did she send me'.
61. (5)
62. (4) Replace 'to growth' into 'to grow'.
63. (3) Replace 'they often do not know' into 'they do not often know'.
64. (1) Remove 'about'.
65. (1) Remove 'does not'.

Maths

(81 – 86) :

81. (5) $8.6 \times 4.5 \times 30.2 = ?$

$\Rightarrow ? = 1168.74$

82. (4) $\frac{17}{9}$ of 1638 of $\frac{19}{7}$ of $\frac{27}{13} = ?$

$\Rightarrow \frac{17}{9} \times 1638 \times \frac{19}{7} \times \frac{27}{13} = 17{,}442$

83. (3) $25897 - 2434 + 3246 - 2642 = 7456 + ?$

$\Rightarrow 24067 = 7456 + ?$

$\Rightarrow ? = 24067 - 7456 = 16{,}611$

84. (5) $23^{23} \times 23^{26} \times 23^{47.52} = 23^{34.5} + ?$

$\Rightarrow 23 + 26 + 47.52 = 34.5 + ?$

$\Rightarrow ? = 96.52 - 34.5 = 62.02$

85. (3) $7\frac{2}{3} + 8\frac{7}{9} + 2\frac{8}{9} + 4\frac{7}{12} = ?$

$\Rightarrow ? = (7 + 8 + 2 + 4) + \left(\frac{2}{3} + \frac{7}{9} + \frac{8}{9} + \frac{7}{12}\right)$

$= 21 + \left(\frac{24 + 28 + 32 + 21}{36}\right)$

$= 21 + \frac{105}{36} = 21 + 2\frac{11}{12}$

$= 23\frac{11}{12}$

86. (1) 80.8% of 31720 + 42.6% of 9700 = ?

$\Rightarrow ? = 31720 \times \frac{80.8}{100} + 9700 \times \frac{42.6}{100}$

$= 25629.76 + 4132.2$

$= 29{,}761.96$

(87 – 91) :

87. (1) Total no. of students in school P in all the years together

$= (65 + 78 + 42 + 51 + 60 + 63.5) \times 100$

$= 35{,}950$

Total no. of students in school T in all the years together

$= (83 + 74 + 70.3 + 66 + 56.9 + 44.7) \times 100 = 39{,}490$

$\therefore$ Required difference

$= 39{,}490 - 35{,}950 = 3{,}540$

88. (5) Total no. of students in school Q

$= (41.2 + 30 + 65 + 72.8 + 68.2 + 52.5) \times 100 = 32{,}970$

Total no. of students in school S

$= (63.5 + 60 + 76 + 21.8 + 80.2 + 57) \times 100 = 35{,}850$

$\therefore$ Required% $= \left(\frac{32970}{35850} \times 100\right)\%$

$= 91.96\% \approx 92\%$

89. (1) Required average

$= \left[\frac{72.4 + 61 + 71.6 + 83.5 + 61.6 + 73.2}{6} \times 100\right]$

$= 7{,}055$

90. (4) Total no. of students in school Q and R together in the year 2003

$= (65 + 71.6) \times 100 = 13{,}660$

Total no. of students in school P and S together in the year 2003

$= (42 + 76) \times 100 = 11{,}800$

Required ratio

$= 13660 : 11800 = 683 : 590$

91. (3) Average no. of students in the year 2001 in all the schools together

$= \left(\frac{65 + 41.2 + 72.4 + 63.5 + 83}{5}\right) \times 100$

$= \frac{32{,}510}{5} = 6{,}502$

Average no. of students in the year 2004 in all the schools together

$= \left(\frac{51 + 72.8 + 83.5 + 21.8 + 66}{5}\right) \times 100$

$= \frac{29{,}510}{5} = 5{,}902$

$\therefore$ Required total = 6502 + 5902

= 6502 + 5902 = 12,404

(92 - 95) :

92. (1) $65.98 \times 13.76 + 0.87 = ?$

$\Rightarrow ? \approx 66 \times 14 + 1 = 925$

93. (2) $\frac{9}{6} \times \frac{106}{112} \times \frac{76}{23} \times 9 = ?$

$= 42.21 \approx 42$

94. (3) $(937 + 5709 - 4321) \div 36 = ?$

$\Rightarrow ? = 2325 \div 36 = 64.58 \approx 64$

95. (1) $\left(\sqrt{1224.96} \times 21\right) \div 32 = ?$

$\Rightarrow ? \approx \left(\sqrt{1225} \times 21\right) \div 32$

$= 735 \div 32 = 22.96 \approx 23$

(96 - 100) :

96. (3) The number series is :

$1643 - 7^2 = 1594$

$1594 - 9^2 = 1513$

$1513 - 11^2 = 1392$

$1392 - 13^2 = 1223$

$1223 - 15^2 =$ **998**

97. (2) The number series is :

$2 \times 7 - 7 = 7$

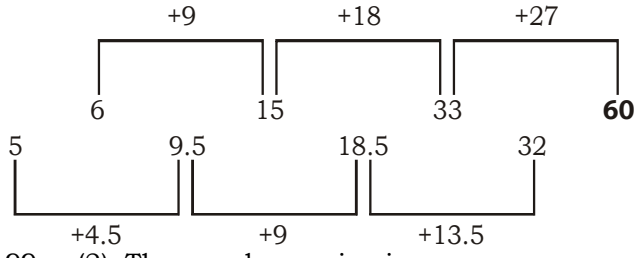
$7 \times 7 - 28 = 21$

$21 \times 7 - 63 = 84$

$84 \times 7 - 112 = 476$

$476 \times 7 - 175 =$ **3157**

98. (2) The number series is :



99. (2) The number series is :

$4 \times 5 - 2 = 18$

$18 \times 5 - 4 = 86$

$86 \times 5 - 6 = 424$

$424 \times 5 - 8 =$ **2112**

$2112 \times 5 - 10 = 10550$

100. (1) The number series is :

$11^3 = 1331$

$13^3 = 2197$

$17^3 = 4913$

$19^3 = 6859$

$23^3 =$ **12167**

101. (5) Required no. of ways

$= {}^{7}C_{5} \times {}^{8}C_{1} = 168$

102. (*) Ratio of profit between Tina and Mina

$= 32000 \times 12 : 22000 \times 7$

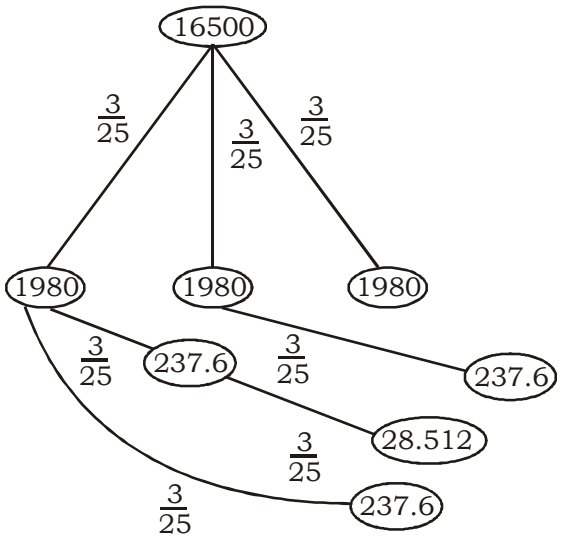
$= 192 : 77$

$\therefore$ Tina's share

$= \frac{16302}{269} \times 192 =$ ₹11,635.62

103. (3) $R\% = \frac{5940 \times 100}{16500 \times 3} = 12\%$

$12\% = \frac{3}{25}$



$\therefore$ Comform interest

$=$ 1980 + 1980 + 1980 + 237.6 + 237.6 + 28.512 + 237.6 = ₹ 6,681.312

104. (3) Actual donation $= \frac{1896}{80} \times 100 =$ ₹ 2,370

$\therefore$ Sohan's salary

$= \frac{2370}{15} \times 100 =$ ₹ 15,800

105. (2) Area of circle $= \pi r^2$

$\Rightarrow 2464 = \frac{22}{7} \times r^2$

$\Rightarrow r = \sqrt{\frac{2464 \times 7}{22}} = 28$ cm

$\therefore$ Side of squre = 28 cm

Now, Area = $28 \times 28 = 784$ cm^2

106. (1) **From I :** The area of the square field

$= \frac{\left(8\sqrt{2}\right)^2}{2} = \frac{128}{2} = 64$ m^2

From II : The perimeter is certain, so we can't find the area of the square field. Therefore, only statement I is sufficient to answer the question.

107. (2) 2 bags at the rate of ₹ 500 + 2 bags at the rate of ₹ 1200 = 6 bags for ₹ 4000
Hence, the man sold 2 bags of apples.

108. (5) **From I and II.** Let the other number be x.

$\therefore$ First number = $\frac{7x}{10}$

Now, $\frac{7x}{10} \times \frac{40}{100} + x \times \frac{60}{100} = 110$

or, $\frac{7x}{25} + \frac{3x}{5} = 110$

$\therefore \quad x = \frac{110 \times 25}{22} = 125$

Now, we can find the difference between the two numbers .
Hence, both the statement are required to answer the question.

109. (3) **From I :** Difference = $\frac{PR^2}{(100)^2}$

$40 = \frac{P \times (5)^2}{100 \times 100}$

$\therefore \quad P = \frac{40 \times 100 \times 100}{25} =$ ₹ 16,000

Now, we can find the CI on the sum after 3 years.
From II : Given, CI – SI = ₹ 122
T = 3 years
R = 5%

$S = \frac{D \times (100)^3}{r^2(300+r)} = \frac{122 \times 100 \times 100 \times 100}{25 \times (300+5)}$

$= \frac{122 \times 100 \times 100}{25 \times 305} =$ ₹ 16,000

Now, we can find the CI.
Hence, either statement I alone or statement II alone is required to answer the question.

110. (2) **From II :** 1 unit $\rightarrow$17
$\therefore$ 9 unit $\rightarrow$ 17 × 9 = 153
So, statement II is sufficient to answer the question.

(111-115) :

111. (1) Required average

$= \left(\frac{37.5+30+25+37.5+35}{5} \times 1000\right)$

= 33,000

112. (2) Required total
= (37.5 + 30 + 25 + 42.5) × 1000
= 1,35,000

113. (2) Required ratio
= (37.5 + 30) : (42.5 + 27.5)
= 67.5 : 70 = 27 : 28

114. (4) Required % = $\left(\frac{40}{62.5} \times 100\right)\%$ = 64%

115. (2) Required total

$= \left(27.5 \times \frac{150}{100} + 35\right) \times 1000 = 76{,}250$

116. (1) Required cost = 2400 × 1.25
= ₹ 3,000

117. (3) Requred no. of men

$= \frac{45 \times 20}{18} = 50$ men

118. (4) Speed in downstream = $\frac{48}{8}$ = 6 km/hr

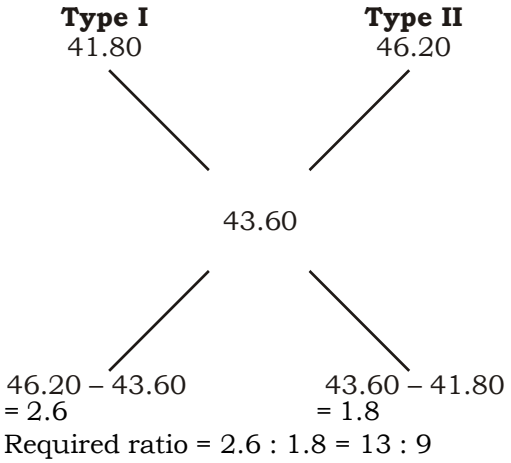
Speed in upstream = $\frac{48}{12}$ = 4 km/hr

$\therefore$ Speed of boat in still water

$= \frac{6+4}{2}$ = 5 km/hr

119. (4)

120. (3)



Required ratio = 2.6 : 1.8 = 13 : 9

VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Intense	of extreme force, degree, or strength	तीव्र
Vigorous	strong, healthy, and full of energy	जोरदार
Feeble	lacking physical strength, especially as a result of age or illness	कमजोर, मंद
Precarious	not securely held or in position; dangerously likely to fall or collapse	अनिश्चित
Menacing	suggesting the presence of danger; threatening	खतरनाक
Devastating	highly destructive or damaging	भयानक, विनाशकारी
Enactment	the process of passing legislation	कानून
Chaos	complete disorder and confusion.	अराजकता, अव्यवस्था
Vulnerable	susceptible to physical or emotional attack or harm	चपेट में, असुरक्षित
Cherished	protect and care for (someone) lovingly	पोषित
Esteem	respect and admiration, typically for a person	आदर, मान्यता देना
Envisage	contemplate or conceive of as a possibility or a desirable future event	परिकल्पना करना
Orthodox	of a person or their views, especially religious or political ones, or other beliefs	रूढ़िवादी
Scurrilous	using or given to coarse language	अपमानजनक, बदजबान
Impeccable	without fault or error	त्रुटिहीन
Laudatory	(of speech or writing) expressing praise and commendation	सराहने योग्य, प्रशंसनीय

RBI ASSISTANT (PHASE - II) MOCK TEST-124 (ANSWER KEY)

1. (5)	41. (4)	81. (5)	121. (4)	161. (1)
2. (3)	42. (4)	82. (4)	122. (3)	162. (5)
3. (3)	43. (5)	83. (3)	123. (1)	163. (4)
4. (1)	44. (4)	84. (4)	124. (2)	164. (2)
5. (5)	45. (5)	85. (3)	125. (1)	165. (4)
6. (1)	46. (3)	86. (1)	126. (4)	166. (4)
7. (5)	47. (4)	87. (1)	127. (4)	167. (2)
8. (3)	48. (1)	88. (5)	128. (2)	168. (4)
9. (2)	49. (3)	89. (1)	129. (4)	169. (2)
10. (5)	50. (3)	90. (4)	130. (5)	170. (3)
11. (2)	51. (3)	91. (3)	131. (2)	171. (1)
12. (5)	52. (3)	92. (1)	132. (3)	172. (4)
13. (4)	53. (4)	93. (2)	133. (3)	173. (3)
14. (3)	54. (3)	94. (3)	134. (4)	174. (2)
15. (1)	55. (3)	95. (1)	135. (1)	175. (3)
16. (4)	56. (2)	96. (3)	136. (5)	176. (2)
17. (4)	57. (1)	97. (2)	137. (2)	177. (3)
18. (1)	58. (3)	98. (2)	138. (1)	178. (3)
19. (1)	59. (2)	99. (2)	139. (2)	179. (1)
20. (4)	60. (2)	100. (1)	140. (3)	180. (4)
21. (2)	61. (5)	101. (5)	141. (2)	181. (3)
22. (4)	62. (4)	102. (3)	142. (3)	182. (2)
23. (1)	63. (3)	103. (3)	143. (4)	183. (1)
24. (3)	64. (1)	104. (3)	144. (3)	184. (3)
25. (4)	65. (1)	105. (2)	145 (5)	185. (1)
26. (2)	66. (5)	106. (1)	146. (4)	186. (2)
27. (2)	67. (4)	107. (2)	147. (4)	187. (3)
28. (2)	68. (3)	108. (5)	148. (5)	188. (1)
29. (1)	69. (1)	109. (3)	149. (3)	189. (2)
30. (2)	70. (2)	110. (2)	150. (4)	190. (1)
31. (1)	71. (5)	111. (1)	151. (2)	191. (1)
32. (5)	72. (1)	112. (2)	152. (3)	192. (1)
33. (2)	73. (3)	113. (2)	153. (2)	193. (3)
34. (1)	74. (4)	114. (4)	154. (1)	194. (1)
35. (4)	75. (2)	115. (2)	155. (3)	195. (1)
36. (3)	76. (4)	116. (1)	156. (4)	196. (3)
37. (3)	77. (2)	117. (3)	157. (3)	197. (3)
38. (1)	78. (1)	118. (4)	158. (1)	198. (5)
39. (4)	79. (3)	119. (4)	159. (4)	199. (1)
40. (5)	80. (1)	120. (3)	160. (1)	200. (3)

Note:- If you face any problem regarding result or marks scored, please contact 9313111777

Note:- If your opinion differs regarding any answer, please message the mock test and question number to 8860330003