

**IBPS RRB PO/CLERK (PHASE - II) MOCK TEST-73 (SOLUTION)**

**REASONING**

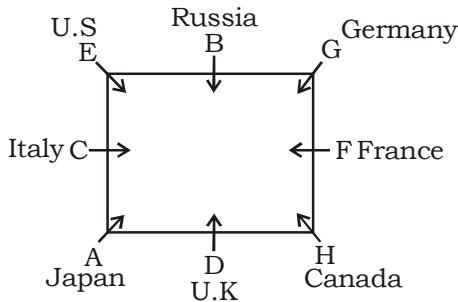
(1-5):

1. (5)  $Q = H < L < F$   
I.  $Q < F$  ⊕ True    II.  $H < F$  ⊕ True
2. (2)  $D > E \supset I \supset K$   
I.  $D \supset I$  ⊕ False    II.  $E \supset K$  ⊕ True
3. (5)  $V < W \text{ \& } U < R$   
I.  $V < R$  ⊕ True  
II.  $W < R$  ⊕ True
4. (4)  $F < J \text{ \& } T \supset R$   
I.  $F > T$  ⊕ False  
II.  $F = R$  ⊕ False
5. (1)  $M > K = H \supset L$   
I.  $M > L$  ⊕ True  
II.  $M < H$  ⊕ False

(6-10):

6. (1)                      7. (3)                      8. (5)
9. (4)                      10. (2)

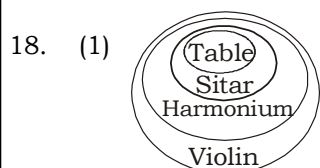
(11-15):



11. (5)                      12. (4)                      13. (5)
14. (3)                      15. (3)

16. (3) Flower Fruit Tree × Plant
- I. False                      II. True  
III. True

17. (2) Key Lock Door × Window
- I. False                      II. True  
III. True



- I. True                      II. True  
III. True

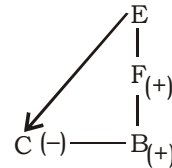
19. (3) Banana Apple Orange Grapes
- I. False                      II. False  
III. True

20. (1) Teacher Doctor Professor Writer
- I. True                      II. True  
III. True

21. (2) EQUALITY  
AEILQTUY

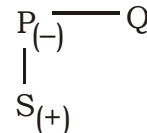
22. (5) S, A, E, L  
SEAL, SALE

23. (3) From option (3),



Here, C is the grand daughter of E.

24. (5) From option (4),



Here, S is not father of Q.

25. (2) Each letter in the given word is arranged with their next second letter. Therefore, WONDER is written as YQPFGT.

26. (4)
- 

P is South-East with respect to X.

27. (1)
- 

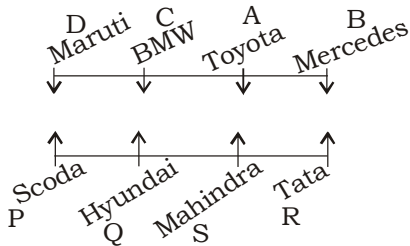
28. (3)
-

(29 - 33):

Floor	Person
8	Q
7	P
6	L
5	O
4	J
3	K/N
2	M
1	N/K

29. (5)                      30. (3)                      31. (1)  
 32. (4)                      33. (5)  
 34. (3) If an advertiser gives any advertisement then the basic assumption is that people will respond to the advertisement.  
 35. (4) Disrupted services lead to commuting chaos.

(36-40):



36. (3)                      37. (2)                      38. (4)  
 39. (5)                      40. (5)

**Maths**

41. (2)  $? \approx 459 + 3 \times 89$   
 $= 459 + 267 = 726 \approx 725$   
 42. (1)  $? \approx (622)^2$   
 $= 622 \times 622 = 386884 \approx 386300$   
 43. (5)  $561204 \times 58 = ? \times 55555$   
 $\Rightarrow ? = \frac{561204 \times 58}{55555} = 585.90 \approx 586$   
 44. (3)  $? = \left( 531 \times \frac{444}{100} \right) \div 972$   
 $= 2357.64 \div 972 = 2.42 \approx 2.5$   
 45. (4)  $? = (9321 + 5406 + 1001) \div (498 + 929 + 660) = 15728 \div 2087 = 7.53 \approx 7.5$   
 46. (4) Required average  $= \frac{8500}{100} \times \frac{1}{3} \times (24 + 20 = 15) = 1671.66 \approx 1671$   
 47. (1) No. of males in Train - R  
 $= 8500 \times \frac{9}{100} \times \frac{40}{100} = 306$

48. (5) Required %  $= \frac{\text{æ}19}{\text{£}13+9} \cdot 100\frac{\text{ö}}{\text{ö}}\%$   
 $= \frac{\text{æ}19}{\text{£}22} \cdot 100\frac{\text{ö}}{\text{ö}}\%$   
 $= 86.36\% \approx 86\%$

49. (3)

50. (4) Required %  $= \frac{\text{é}(20-15)}{\text{è}15} \cdot 100\frac{\text{ù}}{\text{ù}}\%$   
 $= 33.33\% \approx 33\%$

51. (2) The pattern of the numbe series is :  
 $(484 \div 2) - 2 = 242 - 2 = 240$   
 $(240 \div 2) - 2 = 120 - 2 = 118 \neq 120$   
 $(118 \div 2) - 2 = 59 - 2 = 57$   
 $(57 \div 2) - 2 = 28.5 - 2 = 26.5$

52. (4) The pattern of the number series is :  
 $3 \times 1 + 2 = 5$   
 $5 \times 2 + 3 = 13$   
 $13 \times 3 + 4 = 43$   
 $43 \times 4 + 5 = 177 \neq 176$   
 $177 \times 5 + 6 = 891$

53. (5) The Pattern of the number series is :  
 $6 + 1^2 = 6 + 1 = 7$   
 $7 + 3^2 = 7 + 9 = 16$   
 $16 + 5^2 = 16 + 25 = 41$   
 $41 + 7^2 = 41 + 49 = 90$   
 $90 + 9^2 = 90 + 81 = 177 \neq 154$   
 $171 + 11^2 = 171 + 121 = 292$

54. (1) The pattern of the number series is :  
 $5 \times 1 + 1^2 = 6 \neq 7$   
 $6 \times 2 + 2^2 = 16$   
 $16 \times 3 + 3^2 = 57$   
 $57 \times 4 + 4^2 = 228 + 16 = 244$   
 $244 \times 5 + 5^2 = 1220 + 25 = 1245$

55. (3) The pattern of the number series is :  
 $4 \times 0.5 + 0.5 = 2 + 0.5 = 2.5$   
 $2.5 \times 1 + 1 = 3.5$   
 $3.5 \times 1.5 + 1.5 = 6.75 \neq 6.5$   
 $6.75 \times 2 + 2 = 15.5$   
 $15.5 \times 2.5 + 2.5 = 41.25$   
 $41.25 \times 3 + 3 = 126.75$

56. (5) Required%  $= \frac{\text{æ}48}{\text{£}40} \cdot 100\frac{\text{ö}}{\text{ö}}\% = 120\%$

57. (5) Required ratio  $= (61 + 54) : (54 + 48)$   
 $= 115 : 102$

58. (5) Required average price per product  
 $\frac{\text{æ}43 \cdot 16 + 44 \cdot 15 + 45 \cdot 14.5 + 48 \cdot 16\text{ö}}{\text{£} + 55 \cdot 18 + 55 \cdot 15} \cdot 1000$   
 $= \frac{\text{æ}688 + 660 + 652.5 + 768 + 990 + 825\text{ö}}{\text{£} 43 + 44 + 45 + 48 + 55 + 55} \cdot 1000$   
 $= \frac{\text{æ}4583.5\text{ö}}{\text{£} 290} \cdot 1000 = \text{₹} 15,805.17$

59. (1) Required difference  
 $= (60 \times 75) \times 1000 - (44 \times 15) \times 1000$   
 $= 4500 - 660$   
 $= 4500000 - 660000 = ₹ 3840000$   
 $= ₹ 38.4 \text{ lakh}$
60. (5) Total amount  $= 57 \times 5.6 \times 1000 + 45 \times 50 \times 1000 = 319200 + 2250000$   
 $= ₹ 2281900 = ₹ 22.819 \text{ Lakh}$
61. (3) From statement I,  
 Circumference of circle  
 $= \pi \times \text{diameter} = 21\pi \text{ cm}$   
 From statement II,  
 $\pi r^2 = 346.5 \Rightarrow \frac{22}{7} \times r^2 = 346.5$   
 $\Rightarrow r^2 = \frac{346.5 \times 7}{22} = 110.25$   
 $\Rightarrow r = \sqrt{110.25} = 10.5$   
 $\therefore \text{Circumference} = 2\pi r = 21\pi \text{ cm}$
62. (4) Data in both the statements are inadequate.
63. (1) From statement I,  
 Required number of pieces  $= \frac{900}{80} \approx 11$   
 Data in statement II are inadequate.
64. (5) From statement I and II,  
 Selling price of wrist watch  
 $= ₹ \left( 6400 \times \frac{131.25}{100} \right) = ₹ 8400$
65. (5) From statement I and II,  
 Numbers = 15, 51, 24, 42, 33, 60  
 Number divisible by 7 = 42
66. (1) Number of combinations  
 $= ({}^4C_4 \times {}^6C_1 + {}^3C_3 \times {}^4C_2)$   
 $= 1 \times 6 + 1 \times 6 = 12$
67. (3) Number of combinations  
 $= \text{Selecting 2 trainees out of 3 and selecting 3 research associates out of 6}$   
 $= {}^3C_2 \times {}^6C_3 = 3 \times \frac{6 \times 5 \times 4}{1 \times 2 \times 3} = 60$
68. (1) Let Ram undertakes a tour of  $x$  days.  
 Then, expenses for each day  $= \frac{360}{x}$   
 $\Rightarrow \frac{360}{x+4} = \frac{360}{x} - 3$   
 $\Rightarrow 360 \left( \frac{1}{x} - \frac{1}{x+4} \right) = 3$   
 $\Rightarrow x^2 + 4x - 480 = 0$   
 $\Rightarrow x = -24 \text{ or } x = 20$   
 Since,  $x \neq -24$   
 Hence,  $x = 20$  days
69. (3) Speed of return  $= \frac{40 \times 150}{100} = 60 \text{ kmph}$   
 Average speed  $= \frac{2 \times 40 \times 60}{40 + 60}$   
 $= \frac{4800}{100} = 48 \text{ kmph}$
70. (1) Amount remaining after  
 1 year  $= 4000 \left( 1 + \frac{7.5}{100} \right) - 1500 = ₹ 2800$   
 2 years  $= 2800 \left( 1 + \frac{7.5}{100} \right) - 1500 = ₹ 1510$   
 3 years  $= 1510 \left( 1 + \frac{7.5}{100} \right) - 1500 = ₹ 123.25$
71. Let marks obtained by Monica in Economics =  $x$  and in Physics =  $y$   
 $\frac{x95}{\text{₹}100} \cdot 100\% + \frac{x86}{\text{₹}100} \cdot 50\% + \frac{x70}{\text{₹}100} \cdot 150\% + x + y$   
 $+ \frac{x96}{\text{₹}100} \cdot 50\% + \frac{x60}{\text{₹}100} \cdot 75\% = 536$   
 $x + y = 536 - 336 = 220$   
 $x : y = 2 : 3$   
 $x = 80, y = 120$   
 Marks obtained by Rachel in Physics  
 $= \frac{88}{100} \times 150 = 132$   
 Required percentage  $= \frac{x120}{\text{₹}132} \cdot 100\%$   
 $= 90.90\%$
72. Let score of Rose in Economics =  $x$   
 $\frac{(100+25)}{100} \times x = 140$   
 $\therefore x = 112$   
 Average score in Economics  
 $80 + \frac{x96}{\text{₹}100} \cdot 125\% + \frac{x80}{\text{₹}100} \cdot 125\%$   
 $+ \frac{x64}{\text{₹}100} \cdot 125\% + \frac{x60}{\text{₹}100} \cdot 125\% + 112$   
 $= \frac{\dots}{6}$   
 $= \frac{567}{6} = 94\frac{1}{2}$

73.(5) Marks obtained by Joey in French  
 $= 583 - (74 + 88 + 64 + 92 + 94 + 84)$   
 $= 87$

\ Required average

$$= \frac{95+78+82+87+88+92}{6} = \frac{522}{6} = 87$$

74. Marks obtained by Chandler in French, Maths and Economics

$$= \frac{88}{100} \cdot 100\% + \frac{70}{100} \cdot 150\% + \frac{60}{100} \cdot 125\%$$

$$= 268$$

Marks obtained by Rose in Geography, Physics and Biology

$$= \frac{88}{100} \cdot 75\% + \frac{88}{100} \cdot 150\% + \frac{68}{100} \cdot 50\% = 232$$

$$= \text{Required percentage} = \frac{268 - 232}{232} \times 100\%$$

$$= 15.51\% \gg 15\% \text{ more}$$

75. Marks obtained by Rose in Maths and English

$$= \frac{92}{100} \times 150 + \frac{94}{100} \times 50 = 138 + 47$$

$$= 185$$

Marks obtained by Phoebe in Maths and Geography =  $185 - 1 = 184$

Total marks of Phoebe in all Subject =

$$\frac{82}{100} \cdot 100\% + \frac{88}{100} \cdot 50\% + \frac{80}{100} \cdot 125\% +$$

$$\frac{70}{100} \cdot 150\% + \frac{86}{100} \cdot 50\% + 184 = 558$$

$$\text{Required Percentage} = \frac{558}{700} \cdot 100\%$$

$$= 79.71\% \approx 80\%$$

76. (1) I.  $\sqrt{1225}x + \sqrt{4900} = 0$   
 $\Rightarrow 35x + 70 = 0$

$$\Rightarrow 35x = -70 \Rightarrow x = \frac{-70}{35} = -2$$

II.  $(3^4)^{\frac{1}{4}}y + (7^3)^{\frac{1}{3}} = 0$

$$\Rightarrow 3y + 7 = 0 \Rightarrow y = \frac{-7}{3}$$

Clearly,  $x > y$

77. (3) I.  $\frac{18}{x^2} - \frac{12}{x^2} - \frac{8}{x^2} = \frac{-6}{x}$

$$\Rightarrow \frac{18-12-8}{x^2} = \frac{-6}{x}$$

$$\Rightarrow \frac{-2}{x^2} = \frac{-6}{x} \Rightarrow \frac{2}{x} = 6 \Rightarrow 6x = 2$$

$$\Rightarrow x = \frac{2}{6} = \frac{1}{3} \Rightarrow x^3 = \frac{1}{9} = 0.11$$

$$\Rightarrow y^2 = 16.95 - 9.68 - 5.64 = 1.63$$

Clearly  $x < y$

78. (1) I.  $x^3 = \frac{32+1331}{6} = \frac{1363}{6} \approx 227$

II.  $4y^3 - 5y^3 = -\frac{589}{4}$

$$\Rightarrow -y^3 = -\frac{589}{4} \Rightarrow y^3 = \frac{589}{4} = 147$$

Clearly  $x > y$

79. (2) I.  $12x^2 + 11x + 12 - 10x^2 - 22x = 0$

$$\Rightarrow 2x^2 = -11x + 12 = 0$$

$$\Rightarrow 2x^2 - 8x - 3x + 12 = 0$$

$$\Rightarrow 2x(x-4) - 3(x-4) = 0$$

$$\Rightarrow (x-4)(2x-3) = 0$$

$$\Rightarrow x = 4 \text{ or } \frac{3}{2}$$

II.  $13y^2 - 18y + 3 - 9y^2 + 10y = 0$

$$\Rightarrow 4y^2 - 8y + 3 = 0$$

$$\Rightarrow 4y^2 - 6y - 2y + 3 = 0$$

$$\Rightarrow 2y(2y-3) - 1(2y-3) = 0$$

$$\Rightarrow (2y-1)(2y-3) = 0$$

$$\Rightarrow y = \frac{1}{2} \text{ or } \frac{3}{2}$$

Clearly  $x \geq y$

80. (5) I.  $\frac{x^{\frac{7}{5}}}{9} = \frac{169}{x^{\frac{3}{5}}}$

$$\Rightarrow x^{\frac{7}{5}} \times x^{\frac{3}{5}} = 9 \times 169$$

$$\Rightarrow x^{\frac{7+3}{5}} = 9 \times 169$$

$$\Rightarrow x^2 = 9 \times 169$$

$$\Rightarrow x = 3 \times 13 = 39$$

II.  $y^{\frac{1}{4}} \times y^{\frac{1}{4}} \times 7 = \frac{273}{y^{\frac{1}{2}}}$

$$\Rightarrow y^{\frac{1}{4} + \frac{1}{4} + \frac{1}{2}} = \frac{273}{7}$$

$$\Rightarrow y = 39$$

Clearly  $x = y$

**ENGLISH LANGUAGE**

121. The suffering (agonies) of people will not cause economic recession.
122. Refer the first sentence of the passage.
123. Refer "... aggravated the agonies of people ..."
124. Refer the second sentence of the second paragraph.
125. Refer the second last sentence of the second paragraph.
126. Refer the second last sentence of the last paragraph.
127. It is "capital goods sector" (last paragraph).
128. Refer the second last sentence of the second paragraph.
129. Refer the third sentence of the last paragraph.
136. Replace 'would write' with 'writes' because the sentence indicates a general condition of present.
137. Replace 'changed' with 'change'. The sentence indicates a habitual action.
138. Replace 'his' with 'him'. After preposition the pronoun is in objective case.
139. Replace 'has' with 'had' as the sentence is in past.

## VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Jeopardy	danger of loss, harm, or failure	खतरा
Aggravated	an aggravated crime involves further unnecessary violence or unpleasant behaviour	भड़काना
Agonies	extreme physical or mental suffering	शारीरिक या मानसिक कष्ट
Deprivation	the damaging lack of material benefits considered to be basic necessities in a society	हानि
Enormously	to a very great degree or extent; considerably	अत्यंत, विशालता
Devastated	destroy or ruin to something	तहस-नहस करना
Hampered	hinder or impede the movement or progress of	बाधा डालना
Expertise	expert skill or knowledge in a particular field	विशेषज्ञता
Exorbitant	unreasonably high	अत्याधिक
Nullified	make legally null and void; invalidate	रद्द करना
Detrimental	tending to cause harm	हानिकारक
Astounding	surprisingly impressive or notable	चकित करने वाला
Prophecies	a prediction	भविष्यवाणी

KD  
Campus

## KD Campus

2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

### IBPS RRB PO/CLERK (PHASE - II) MOCK TEST-73 (ANSWER KEY)

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

*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*