

**IBPS PO MAIN (PHASE - II) MOCK TEST-70 (SOLUTION)**

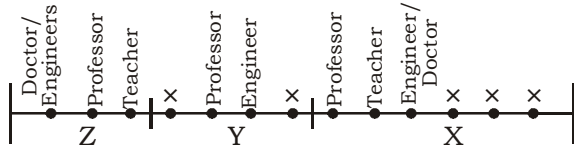
**REASONING**

(1-5):

**Z, W/Q, Y, A, R, C, X, B, S, P, D, Q/W**

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

(6-10):



6. (4)                      7. (4)                      8. (2)  
9. (3)                      10. (3)  
11. (1)  $Z \geq Y = X > P > Q \geq R$   
12. (4)  $Y = X > Z, S \leq T, P > Q$   
13. (4)  $S \leq T = W > R$   
                II.  $S < W$ , can't say definitely.  
14. (3)                      15. (1)

(16 - 20) : Clearly, in the given arrangement number that are multiples of 3 are arranged first, in ascending order; followed by multiples of 7 in ascending order.

16. (3) Step II : 51 69 49 87 93 77 70 56  
                Step III : 51 69 87 49 93 77 70 56  
                Step IV : 51 69 87 93 49 77 70 56  
                Step V : 51 69 87 93 49 56 77 70  
17. (4) Previous steps can't be determined in these types.  
18. (1) **Input :** 91 276 35 249 553 511 201 183  
                Step I : 183 91 276 35 249 553 511 201  
                Step II : 183 201 91 276 35 249 553 511  
                Step III : 183 201 249 91 276 35 553 511  
19. (2) **Input :** 183 35 553 201 276 249 511 91  
                Step I : 183 201 35 553 276 249 511 91  
                Step II : 183 201 249 35 553 276 511 91  
                Step III : 183 201 249 276 35 553 511 91  
                Step IV : 183 201 249 276 35 91 553 511  
                Step V : 183 201 249 276 35 91 511 553

Since all the numbers get arranged in Step V according to the logic above, final output comes in Step V.

20. (1) Step I : 15 287 93 69 427 371 497 51  
                Step II : 15 51 287 93 69 427 371 497  
                Step III : 15 51 69 287 93 427 371 497  
                Step IV : 15 51 69 93 287 427 371 497

(21 -25) :

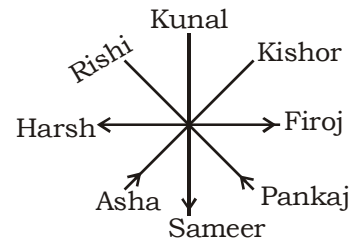
they - ho,                  are - na,                  very - pa  
intelligent - la                  you - sa  
welcome - pit                  student - od  
who/is - ka/da

21. (1)  
22. (1)  
23. (1)

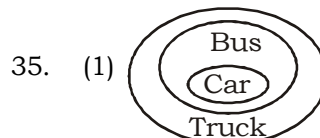


24. (3) C O M M U N I C A T I O N  
25. (1) 21 O 3 I 7 E 10 10 A 39  
                 $\Rightarrow 21 \div 3 \times 7 - 10 + 39 = 78$

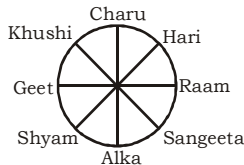
(26-30) :



26. (4)                      27. (3)                      28. (1)  
29. (1)                      30. (2)



(36-40) :



36. (4)                      37. (3)                      38. (5)

39. (5)                      40. (5)

41. (5) Really

42. (1) **From II** : Y's gender is not clear. Thus, she may be father or mother.

**From I** : Y is wife of X, thus, mother.

43. (4) Statement I eliminates R, while statement II eliminates P and Q, we are not sure whether it is T or V.

44. (3) **From I** :  $B > A$  and  $B > C$  and D  
B is the tallest

**From II** :  $A > D$  and  $B > A, C$

So,  $B > D$  also

B is the tallest.

45. (4)                      46. (4)                      47. (1)

48. (2)                      49. (2)                      50. (3)

### ENGLISH LANGUAGE

51. (2) Explained at the beginning of the passage.

52. (3) Refer the third-last sentence of the first paragraph.

53. (2) Given in the second paragraph.

Given directly in the sixth sentence of the second paragraph.

54. (5) Given directly in the sixth sentence of the second paragraph.

55. (4) Refer the third sentence of the passage.

56. (1) The author's tone is positive.

57. (5) Refer the third sentence of the second paragraph.

58. (3)

59. (4) Refer the last sentence of the second paragraph.

60. (1) Refer the first sentence of the third paragraph.

61. (1)                      62. (2)                      63. (3)

64. (5)                      65. (5)                      66. (5)

67. (1) Replace 'are' with 'is'.

68. (4) Replace 'for' with 'of'.

69. (2) Replace 'of' with 'than'.

70. (1) Replace 'its' with 'their' as the pronoun stands for 'officers'.

71. (2)                      72. (4)                      73. (3)

74. (5)                      75. (4)                      76. (4)

77. (1)                      78. (5)                      79. (3)

80. (2)                      81. (5)                      82. (2)

83. (1)                      84. (4)                      85. (3)

86. (2)                      87. (5)                      88. (1)

89. (4)                      90. (3)

### Maths

91. (5) Total executives recruited were = 2953.

92. (4) Required ratio equals  $1044 : 998 = 522 : 499$

93. (1) Required average number of executives = sum of no. of all executives  

$$= \frac{2965}{6} \approx 494$$

94. (2) Required % increase

$$= \frac{54}{418} \times 100 = 12.919 \approx 12.92\%$$

95. (3) Required% =  $\frac{510}{2854} \times 100 \approx 18\%$

96. (5) Let these numbers are A, B and C respectively

A	B	C
50	40	100

$$= \frac{10}{50} \times 100 = 20\%$$

97. (3)  $\frac{75,00000}{125} \times 25 \times \frac{100}{20} = 75,00000$

98. (4) Let total profit = 100  
Remaining after charity = 84

$$\text{then, Mohit's share} = \frac{84}{7} \times 4 = 48$$

$$\frac{816}{48} \times 100 = 1700$$

99. (3) It 60% increase in 6 years then  $r = 10\%$

$$= \frac{12000 \times 33.1}{100} = \text{Rs. } 3972$$

100. (1)  $2! \times 4! = 48$

101. (3) Required ratio =  $475 : 425 = 19 : 17$

102. (2) Total distance covered by all the trucks

$$= \frac{2375}{5} = 475$$

103. (2) Total distance covered by A = 475 km

$$\text{Time taken} = \frac{475}{47.5} = 10 \text{ hours}$$

104. (4) Total distance covered by E = 575 km  
Total distance covered by B and C together =  $350 + 550 = 900$  km

$$\text{Required\%} = \frac{575}{900} \times 100 \approx 64\%$$

105. (4) Required speed =  $\frac{550}{8} = 68.75$  km/h.

106. (1)  $? = \frac{6255.22}{18.5 \times 21.4} = 15.8$

107. (2)  $? = \frac{1.5 \times 78}{0.5} = 234$

108. (4)  $? = 302.46 + 395.72 - 123.47$   
 $= 698.18 - 123.47 = 574.71$

109. (3)  $\sqrt[3]{?} = \sqrt[3]{4096} \div \sqrt[3]{64}$   
 $= \sqrt[3]{16 \times 16 \times 16} \div \sqrt[3]{4 \times 4 \times 4}$   
 $= 16 \div 4 = 4$   
 $\therefore = ? = 4 \times 4 \times 4 = 64$

110. (4)  $\frac{800 \times ?}{100} = 293 - \frac{750 \times 22}{100}$   
 $\Rightarrow 8 \times ? = 293 - 165 = 128$   
 $\Rightarrow ? = \frac{128}{8} = 16$

111. (4) The series is based on the following pattern.  
 $11 = 2 \times 3 + 5$   
 $38 = 11 \times 4 - 6$   
 $197 = 38 \times 5 + 7$   
 $1172 \neq 197 \times 6 - 8$   
 $\therefore 1172$  is wrong and it should be replaced by  $197 \times 6 - 8 = 1174$

112. (1) The series is based on the following pattern :  
 $107 - 71 = 36 = 6^2$   
 $71 - 46 = 25 = 5^2$   
 $46 - 30 = 16 = 4^2$   
 $30 - 21 = 9 = 3^2$   
 $21 - 19 = 2 \neq 2^2$   
 $\therefore 19$  should be replaced by  $17$  for which  $21 - 17 = 2^2$

113. (4) The series is based on the following pattern :  
 $16 = 9 + 7$   
 $25 = 16 + 9$   
 $41 = 16 + 25$   
 $68 \neq 25 + 41$

114. (3) The series is based on the following pattern :

		3				
4	2	3.5	7.5	26.25	118.125	
↑	↑	↑	↑	↑	↑	
×0.5	×1.5	×2.5	×3.5	×4.5		

Obviously, 3.5 is the wrong number which should be replaced by 3.

115. (2) The series is based on the following pattern :

16	4	2	1.5	1.75	1.875
↑	↑	↑	↑	↑	↑
×0.25	×0.5	×0.75	×1	×1.25	

Obviously, 1.75 is the wrong number which should be replaced by 1.5.

116. (4) Suppose the initial weight of the stone =  $6x$  kg.

Thus, its price would be  $k(6x)^2$  rupees.  
 The total price of those three stone - pieces =  $k[(1x)^2 + (2x)^2 + (3x)^2]$   
 $= 14 kx^2$  rupees

Now, loss occurred after being cut =  $36kx^2 - 14kx^2 = 22 kx^2$

Now, according to question,  
 $₹ 5184 = 36 kx^2$

$\Rightarrow 1 kx^2 = \frac{5184}{36} = ₹ 144$

$\Rightarrow 22 kx^2 = 144 \times 22 = ₹ 3168$

117. (4) Suppose capacity of the tank = 24 litre.

Thus, Efficiency of A = 3 litre/hour and B = 4 litre/hour

After 2 hour, amount of water in tank =  $2 \times (4 + 3) = 14$  litre.

Now, Amount of water to be filled =  $24 - 14 = 10$  litre.

Thus, Total time required by B to fill the tank =  $\frac{10}{4} = 2.5$  hours.

118. (2) The rate interest accrued on the sum

$= \frac{700}{5000} \times 100 = 14\%$

Thus, required simple interest

$= 7000 \times \frac{170}{100} = ₹ 11,900$

119. (4) Required ratio =  $\frac{6.4}{21.6}$

$\Rightarrow \frac{v_1}{v_2} = \frac{6.4}{21.6}$

$\Rightarrow \frac{\frac{2}{3} \pi(r_1)^3}{\frac{2}{3} \pi(r_2)^3} = \frac{8}{27}$

$\Rightarrow \left(\frac{r_1}{r_2}\right)^3 = \left(\frac{2}{3}\right)^3 \Rightarrow r_1 : r_2 = 2 : 3$

120. (4) Total age of all 4 boys =  $4 \times 9 = 36$  yrs.

Now, at present would be  $(36 + 5 \times 4)$  yrs.  
 Again,

Total age of all five boys at present =  $15 \times 5 = 75$  yrs.

Thus, age of new boy =  $75 - 36 = 39$  yrs.

$$121. (3) ? = \frac{150}{17} \times \frac{199}{12} \times \frac{91}{16}$$

$$\approx \frac{150}{15} \times \frac{200}{15} \times \frac{90}{15} \approx 770$$

$$122. (1) ? \approx 151 - 420 + 650 \approx 381$$

∴ Required answer = 380

$$123. (1) ? \approx \frac{1300}{20} \times 25 + 400$$

$$\approx 1625 + 400 \approx 2025$$

$$124. (4) ? \approx \frac{30 \times 500}{100} + \frac{40 \times 800}{100}$$

$$\approx 150 + 320 \approx 470$$

$$125. (4) ? \approx 15^2 - 7^2 + 5^3$$

$$\approx 225 - 49 + 125 \approx 301$$

∴ Required answer = 300

$$126. (2) \text{ I. } x^2 + 5x + 6 = 0$$

$$\Rightarrow x = -3 \text{ or } -2$$

$$\text{ II. } y^2 + 7y + 12 = 0$$

$$\Rightarrow y = -4, -3$$

$$127. (3) \text{ I. } x^2 - 9x + 20 = 0$$

$$\Rightarrow x = 5, 4$$

$$\text{ II. } y^2 - 13y + 42 = 0$$

$$\Rightarrow y = 6, 7$$

$$128. (3) \quad 2x + 3y = 14 \quad \dots(\text{I})$$

$$4x + 2y = 16 \quad \dots(\text{II})$$

By equation (I) × 2 - equation II,

$$4x + 6y - 4x - 2y = 28 - 16$$

$$\Rightarrow 4y = 12 \Rightarrow y = 3$$

From equation I,

$$2x + 3 \times 3 = 14$$

$$\Rightarrow 2x = 14 - 9 = 5 \Rightarrow x = \frac{5}{2}$$

$$129. (5) \text{ I. } x = \sqrt{625} = \pm 25$$

$$\text{ II. } y = \sqrt{676} = \pm 26$$

$$130. (3) \text{ I. } x^2 + 4x + 4 = 0$$

$$(x+2)^2 = 0 \Rightarrow x = -2$$

$$\text{ II. } y^2 - 8y + 16 = 0$$

$$\Rightarrow (y-4)^2 = 0$$

$$\Rightarrow y = 4$$

$$131. (2) \text{ From statement II,}$$

$$M_1 D_1 = M_2 D_2$$

$$\Rightarrow 8 \times 12 = 5 \times D_2$$

$$\Rightarrow D_2 = \frac{8 \times 12}{5} = \frac{96}{5}$$

$$= 19 \frac{1}{5} \text{ days}$$

$$132. (5) \text{ From statement II,}$$

If the present age of Shyam be  $x$  year then

Ram's present age =  $(x+7)$  years then

From statement I,

$$\frac{x+7}{x} = \frac{4}{3}$$

$$\Rightarrow 4x = 3x + 21$$

$$\Rightarrow x = 21$$

$$\therefore \text{ Shyam's age after 6 years} = 21 + 6 = 27 \text{ years}$$

$$133. (4) \text{ Data from both the statements are inadequate.}$$

$$134. (5) \text{ From statements I and II, simple interest}$$

$$= ₹ \left( \frac{5000 \times 3 \times 5}{100} + \frac{5000 \times 3 \times 8}{100} \right)$$

$$= ₹ (750 + 1200) = ₹ 1950$$

$$135. (1) \text{ From statement I,}$$

Required C.P.

$$= ₹ (4 \times 85 + 3 \times 50)$$

$$= ₹ (340 + 150) = ₹ 490$$

$$136. (1) \quad \frac{2040 \times 20}{100} : \frac{1450 \times 20}{100} = 204 : 145$$

$$137. (5) \quad 1450 \times \frac{12}{100} \times 100 = 24\%$$

$$\frac{2040 \times [25 + 10]}{100}$$

$$138. (3) \quad \frac{2040 \times 35}{100} - \frac{1450 \times 44}{100} = 76$$

$$139. (2) \quad \frac{2040 \times 55}{100} + \frac{1450 \times 26}{100}$$

$$= 1122 + 377$$

$$= 1499$$

$$140. (4) \quad \frac{1450 \times 14}{100}$$

$$\frac{2040 \times 15}{100} \times 100 \approx 66\%$$

**VOCABULARIES**

<b>Word</b>	<b>Meaning in English</b>	<b>Meaning in Hindi</b>
Persuade	To make somebody believe that something is true, Convince	समझाना, राजी करना
Taper	To become gradually narrower	घटना
Vindication	Proof that something is true or that you were right, especially when other people had a different opinion	पुष्टि, प्रामाणिकता
Sop	Something that is done or given to someone in order to prevent trouble, gain support	जो वस्तु शान्ति के लिए दी जाए
Persevere	To continue trying to do or achieve something despite difficulties	दृढ़ रहना
Cater	To supply what is required or desired	आवश्यकताओं का ध्यान रखना
Intent	The thing that you plan to do or achieve, an aim or purpose	उद्देश्य, प्रयोजन
Dearth	The state or condition of not having enough of something	अभाव, कमी
Disparity	Different from each other	असमानता
Substantiate	To provide information or evidence to prove that something is true	प्रमाण से सिद्ध करना
Reinforce	To encourage or give support to (an idea, behavior, feeling, etc.)	समर्थन करना
Thriving	Characterized by success or prosperity	उन्नतिशील
Soliciting	To ask for (something, such as money or help) from people, companies, etc.	मदद मांगना

**IBPS PO MAIN (PHASE - II) MOCK TEST-70 (SOLUTION)**

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