# IBPS PO MAIN (PHASE - II) MOCK TEST-69 (SOLUTION)

## REASONING

**(1-5) :**

| Name | Days | Telecom Companies |
|---|---|---|
| A | Saturday | Uninor |
| B | Wednesday | Vodaphone |
| C | Wednesday | BSNL |
| D | Friday | MTNL |
| E | Friday | Airtel |
| F | Tuesday | Idea |
| H | Saturday | Reliance |

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

**(11-15) :**

**Input : 89 who root 19 46 near drink link gold 61 23 under 71 97**

**Step I :** 19 89 who root 46 near link gold 61 23 under 71 97 drink

**Step II :** 23 19 89 who root 46 near link 61 under 71 97 drink gold

**Step III :** 46 23 19 89 who root near 61 under 71 97 drink gold link

**Step IV :** 61 46 23 19 89 who root under 71 97 drink gold link near

**Step V :** 71 61 46 23 19 89 who under 97 drink gold link near root

**Step VI :** 89 71 61 46 23 19 who 97 drink gold link near root under

**Step VII :** 97 89 71 61 46 23 19 drink gold link near root under who

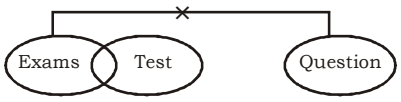
11. (5) 12. (4) 13. (2)
14. (3) 15. (3)
16. (2) 17. (2)
18. (2)

**(19-23) :**

| Room No. | Color | Person |
|---|---|---|
| 11 | Pink | E or C and S |
| 22 | Blue | U or Q and T |
| 33 | Black | E or C and P |
| 44 | Green | U or Q and R |
| 55 | White | F,D |
| 66 | Yellow | A,B |

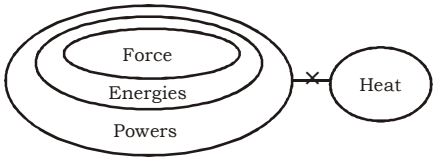
19. (4) 20. (4) 21. (3)
22. (5) 23. (2)

24. (4)



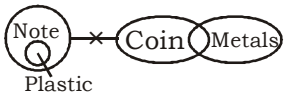

I. × II. ×

25. (1)



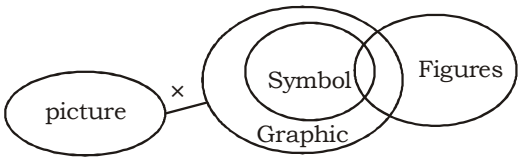

I. ✓ II. ×

26. (5)



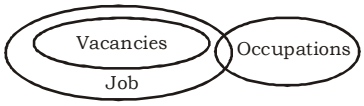

I. ✓ II. ✓

27. (5)



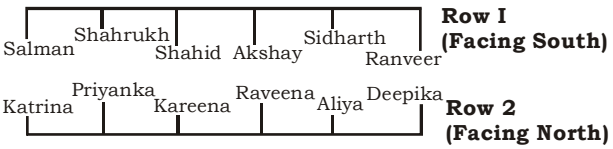

I. ✓ II. ✓

28. (2)




I. × II. ✓

**(29-33) :**

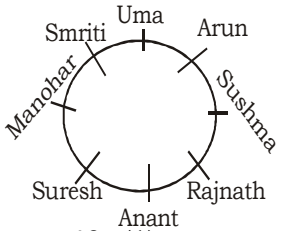



29. (2) 30. (1) 31. (3)
32. (1) 33. (4)

**(34-38) :**

34. (2) 35. (1) 36. (1)
37. (5) 38. (4)

**(39-43) :**




39. (3) 40. (1) 41. (4)
42. (3) 43. (5)

**(44-48) : If he selects**

**Condition**

1. Orange (–) White
2. Blue (+) Pink or Pink + Blue
3. White (+) Green or Green + White
4. Either Purple or Black.

(–) means not selected
(+) means selected

44. (1) Orange – White
– White – Green
Here, White and Green are not selected. Also exactly one out of Purple or Black is not selected.
If Pink is not selected then Blue is not selected. Thus total of 5 colours will not be selected.
45. (5) The following colours are not selected.
(i) Red
(ii) Yellow
(iii) Exactly one of Purple and Black
(iv) Exactly one Orange and White
(v) Exactly one Orange and Green
So to select 6 colours he must not select orange.
46. (1) Purple can not be selected.
47. (4)
48. (5) He must select Blue.
49. (5) It is clear that P is husband of R. If he establish that T is either son or daughter of S, then P would be son-in law of S.
T + S means T is daughter of S.
T ÷ S means T is son of S.
50. (4) Both the expressions are true in option (4)

## ENGLISH LANGUAGE

51. (1) The author does not seem fully convinced of the effectiveness of the free market.
54. (3) Refer "....other than the aggregate of consumers..."
55. (2) Refer "...price fixing is normal in all industrial societies....."
56. (1) Refer the second sentence of the second paragraph.
57. (4) Refer the last sentence of the passage.
58. (3) The author raises doubt about operation of free-market in view of price-fixing.
59. (2) If there is 'controlled prices', industry will have no power to determine prices.
71. (2) Use 'a' before 'far better'.
72. (3) Remove 'more' before 'preferable' as it is a comparative in itself.
73. (4) Replace first 'of with 'in'.
75. (2) Replace 'about' with 'with'.
76. (2) Relation of opposite meaning.
77. (4) Relation - Young: Its adult
78. (3) Relation of opposite meaning.
79. (1) Relation of opposite meaning.
80. (5) Relation of similar meaning.

## Maths

91. (3) Let CP = ₹100
CP SP
100 110
96 [96 + (96 × 75)/(4 × 100)] =114
Difference between SP(114-110) = 6
4 = ₹ 6
100 = 150
92. (1) Distance covered by 1st car
= {36 × (5/18) ×15} = 150m
Distance covered by 2nd car
= {48 × (5/18) × 15} = 200m
Since these two cars are at right angle. So, the distance between two cars is = 250 m
93. (1) Without stoppage Train covers 50 km in = 60 min
Then it will cover 45km in
= 60/50×45 = 54min
Stoppage time in an hour = 60 – 54 = 6min
94. (5) $(1x + 2x + 3x)/3 = 600$
X = 300
A = 300, B = 600, C = 900
After increasing A by 10% and decreasing B by 20 % we have average increased by 5 %
(330 + 480 + C)/3 = 630
810 + C =1890
C = 1080
Thus, the increase in C
= 1080 – 900 = 180
95. (1) Since, $A + B + \frac{AB}{100} = 38$

$20 + B + \frac{20B}{100} = 38$

B = 15
96. (1) Total Red balls = 8
Total number of balls = 12
Hence probability of getting one red ball is = 8/12 = 2/3
97. (3) Total Green balls = 8
Total number of balls = 12
Hence probability of getting four red ball is = 4C4/12C4 =1/495
98. (2) Area of 4 walls=2(16+7) × 8
So, 2(16+7) × 8 – 65 = 303
Cost = 303 × 7.5 = ₹ 2272.5
99. (4) 9880 = P(4+4.5+5+5.5)/100
P = 52000
100. (1) P1:P2:P3 = $R_1T_1$: $R_2T_2$ : $R_3T_3$
= (6×10):(10×12):(12×15)
= 1:1/2:1/3 = 6:3:2
101. (1) (1/3-1/6-1/18)=1/9 = 9days

102. (4) 1man = 3/2Boy
$8 \times 20 = 10 \times x$
$x$ =16 days

103. (1) The series is + $2^2$, + $4^2$ + $6^2$, + $8^2$, + $10^2$, .....
Hence, there should be 161 in place of 181.

104. (5) The series is + 14, + 28, + 56, + 112, + 224, + 428,.....
Hence, there should be 450 in place of 496.

105. (5) The series is × 1 + 5.5, × 2 + 5.5, × 3 + 3.5, × 4 + 5.5, × 5 + 5.5 × 6 + 5.5, × 7 + 5.5
i.e, 15 × 1 + 5.5 = **20.5**, 20.5 × 2 + 5.5 = 46.5, 46.5 × 3 + 5.5 = 145, 145 × 4 + 5.5 = 585.5, 585.5 × 5 + 5.5 = 2933, 2933 × 6 + 5.5 = 17603.5,
Hence, there should be 20.5 in place of 21.5.

106. (4) The series is × 1 + $1^2$, × 2 + $2^2$, × 3 + $3^2$, × 4 + $4^2$, × 5 + $5^2$, × 6 + $6^2$, ....
i.e, 5 × 1 + $1^2$ = 6,6 × $2^2$ = 16, 16 × 3 + $3^2$ = 57, 57 × 4 +$4^2$ = **244**, 244 × 5 + $5^2$ = 1245, 1245 × 6 + $6^2$ = 7506,
Hence, there should be 244 in place of 246.

107. (2) The series is + 11, + 33, + 99, + 297, +891, + 2673,
i.e, 2 +11 = 13, 13 + 33 = 46, 46 + 99 = 145, 145 + 297 = **442**, 442 + 891 = 1333, 1333 + 2673 = 4006.
Hence, there should be 442 in place of 452.

108. (4) Total population = 8,60,000
Mumbai's population = 25% of 8,60,000 = 2,15,000
Muslim's population = 21% of 2,15,000 = 45,150

109. (4) $\frac{(18 \times 8,60,000 \times 100)}{25 \times 8,60,000 \times 18} = \frac{36}{19}$

110. (5) $\frac{\frac{15}{100} \times \frac{27}{100} \times 8,60,000}{\frac{17}{100} \times 8,60,000} \times 100 \approx 24\%$

111. (3) $\frac{17+18+15}{300} \times 8,60,000 = 1,43,333$

112. (4) $\frac{25 \times 8,60,000 \times 100}{17 \times 14 \times 8,60,000} \times 100 = 1050$

113. (3) 114. (1)
115. (5) 116. (4)
117. (2)

118. (5) I. $4x^2 + 17x + 15 = 0$
$\Rightarrow x = -\frac{5}{4}$ or, $x = -3$
II. $3y^2 + 19y + 28 = 0$
$\Rightarrow y - \frac{7}{3}$ or, y = – 4
Hence, relationship between $x$ and $y$ can't be established.

119. (5) I. $3x^2 - 17x + 22 = 0$
$\Rightarrow x = \frac{11}{3}$ or, $x = 2$
II. 5y2 – 21y + 22 = 0
$\Rightarrow y = \frac{11}{5}$ or, $y = 2$
Hence, relationship between $x$ and $y$ can't be established.

120. (3) I. $3x^2 + 11x + 10 = 0$
$\Rightarrow x = -\frac{5}{3}$ or, $x = 2$
II. $2y^2 + 13y + 21 = 0$
$\Rightarrow y = -\frac{7}{2}$ or, $y = -3$
Hence, $x > y$

121. (4) I. $3x^2 + 13x + 14 = 0$
$\Rightarrow x = -\frac{7}{3}$ or, $x = -2$
II. $8y^2 + 26y + 21 = 0$
$\Rightarrow x = -\frac{7}{4}$ or, $y = -\frac{3}{2}$
Hence, $y > x \Rightarrow x < y$

122. (1) $3x^2 - 14x + 15 = 0$
$\Rightarrow x = \frac{5}{3}$ or, x = 3
II. $15y^2 - 34y + 15 = 0$
$\Rightarrow y = \frac{3}{5}$ or, $y = \frac{5}{3}$
Hence, $x \geq y$

123. (5) Income of company C in the year 2013 = ₹ 300000 and expenditure = ₹ 200000
$\therefore$ Percentage profit got by the company
$= \frac{\text{Profit}}{\text{Income}} \times 100\%$
$= \frac{100000}{300000} \times 10\% = 33\frac{1}{3}\%$

124. (1) Total income of all the three companies in the year 2009 = ₹ (260 + 340 + 480) thousand = ₹ 1080 thousand and in the year 2012 = ₹ (160 + 310 + 440) thousand = ₹ 910 thousand.
$\therefore$ Required ratio = 1080 : 910 = 108 : 91

125. (2) Total income of company B in all the given years together
= ₹ (340 + 490 + 540 + 310 + 450) thousand
= ₹ 2130 thousand
$\therefore$ Average income of company B
$= ₹ \frac{2130 \text{ thousand}}{5} = ₹ 426 \text{ thousand}$

126. (5) in the year 2014,
income of company A = 105% of 560
= ₹ 588 thousand
income of company B = 106% of 450
= ₹ 477 thousand
income of company C = 107% of 300
= ₹ 321 thousand
Thus, total income of all the three companies in the year 2014
= ₹ (588 + 477 + 321) thousand
= ₹ 1386 thousand

127. (4) The given data are inadequate.

128. (5) From statement II,
If the age of Rani = $x$ years, then
Surekha's age = $2x$ years
$\therefore\ x + 2x = 72$
$\Rightarrow 3x = 72$ years
$\Rightarrow x = \frac{72}{3} = 24$ years
$\therefore$ Rani's age = 24 years
As per the given information in statement I, Nidhi's age can be determined.

129. (2)

130. (5) Let Mr. Mehta's present income be ₹ $x$.
From statement I and II, 10% of $x$ = 2500
$\Rightarrow x \times \frac{10}{100} = 2500$
$\Rightarrow x = 2500 \times 10 = ₹\ 25000$

131. (3) From statement I, Speed of the bus
$= \frac{\text{Distance coverd}}{\text{Time Taken}}$
$= \frac{80}{5} = 16$ kmph
As per the information in statement II, the speed of the bus can also be determined.

132. (1) Required average
$= \frac{3297 + 2523 + 2860 + 2660 + 2770 + 2665 + 2899}{7}$
$= \frac{19674}{7}$
= $ 2810.57 million
= $ 2810.6 million

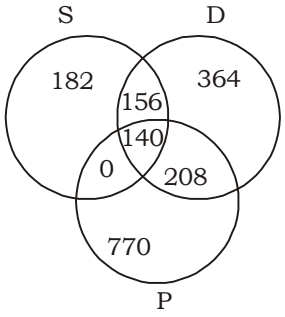
133. (2) Required average value
$= \frac{3034 + 3210 + 3106 + 3200 + 2984}{5}$
$= \frac{15534}{5}$
= $ 3106.8 million

134. (5) Required % $= \frac{(2860 - 2523)}{2523} \times 100\%$
$= \frac{337}{2523} \times 100\%$
= 13.35%

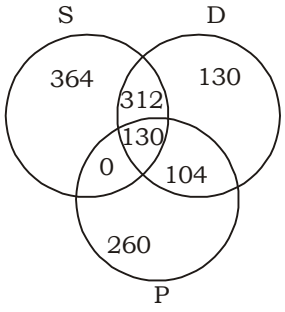
135. (5) Required change in trade gap
$= \frac{(2770 - 2665)}{2770} \times 100\%$
= 3.79% decrease

136. (1) Required difference
= (3464+3034+3210) – (3106 + 3200 + 2984)
= 9708– 9290 = 418

**(137-140) :**




**Total Boys = 1820**




**Total Girls = 1300**

137. (5) Required percentage
$= \frac{364 + 312 + 130}{3120} \times 100 = 26$

138. (3) Required ratio = 260 : 770 = 26 : 77

139. (2) Required percentage = $\frac{130}{364} \times 100 = 35.71$

140. (4) Total number of boys who are enrolled in Dancing = 364 + 156 + 140 + 208 = 868

# VOCABULARIES

| Word | Meaning in English | Meaning in Hindi |
|---|---|---|
| Pernicious | Having a very harmful effect on somebody/something especially in a way that is not easily seen or noticed. | हानिकारक, नुकसानदेह |
| Explicit | Very clear and complete, clear and easy to understand | स्पष्ट, साफ |
| Cartel | A group of businesses that agree to fix prices so they all will make more money and not competing with each other | उत्पादक-संघ |
| Peculiarly | Very, more than usually | विशेषकर, खासकर |
| Hail | To describe somebody/something as being very good or special | अभिवादन करना |
| Antagonistic | Showing dislike or opposition | प्रतिरोधी, विपक्षी |
| Envious | Feeling or showing a desire to have what someone else has, feeling or showing envy. | ईर्ष्यालु |
| Enchanted | Placed under a spell (magic that have special power) | मंत्रमुग्ध, वशीभूत |
| Unambiguous | Clearly expressed or understand | स्पष्ट, साफ |
| Empathy | The ability to understand another person's feelings, experience. | सहानुभूति |
| Refutation | Proof or a statement that something is not true or is wrong | खंडन |
| Holistic | Concerned with complete systems rather than with individual | सम्पूर्ण रूप से, पूर्णतावादी |
| Inauspicious | Showing sings that the future will not be good or successful | अशुभ, अमंगलकारी |
| Dilapidated | In very bad condition because of age or lack of care | नष्ट, पुराना |
| Amateur | A person who does something (such as a sport or hobby) for pleasure and not as a job | शौकीन |
| Ameliorate | To make (something, such as a problem) better, less painful. | सुधारना |
| Contempt | A feeling that someone or something is not worthy of any respect or approval. | अवहेलना, उपेक्षा |
| Intricacy | The quality or state of being complex or having many parts | जटिलता, उलझाव |
| Perusal | The act of reading something, especially in a careful way. | अध्ययन, अवलोकन |
| Assimilate | To cause (a person or group) to become part of a different society or country. | मिल जाना, अनुकूल हो जाना |

# IBPS PO MAIN (PHASE - II) MOCK TEST-69 (SOLUTION)

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

***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***