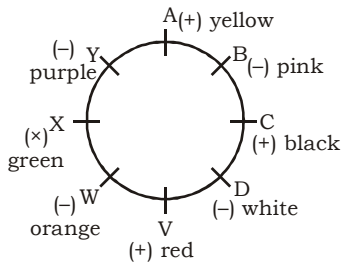


**BANK PO PHASE-I MOCK TEST-38 (SOLUTION)**

**REASONING**

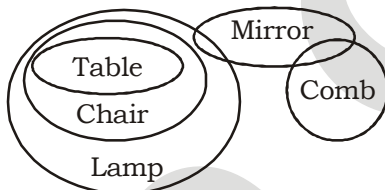
**Solutions (1-5):**



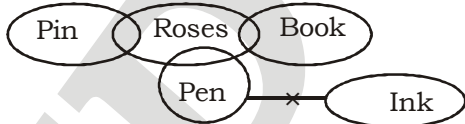
1. (2)                      2. (3)                      3. (4)
4. (2)                      5. (5)
6. (2) Only II is implicit. If Aswin's mother asked his son to return home by train if it rains heavily, it implies that train would ply if it rains heavily.
7. (5) Both the assumptions are implicit in the statement.
8. (5) Both the assumptions are implicit in the statement.
9. (5) Both the assumptions are implicit in the statement. The point which is highlighted in the advertisement is liked by people and is also desirable.
10. (1) Only assumption I is implicit in the statement.

**Solutions (11-15):**

11. (1)



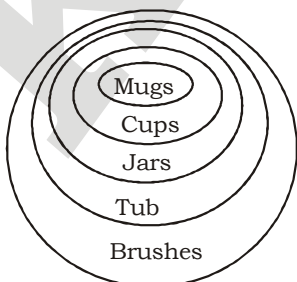
12. (5)



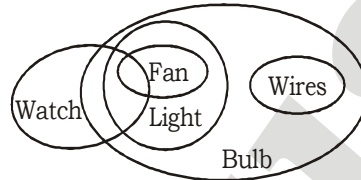
13. (1)



14. (5)



15. (1)



**Solutions (16-20):**

From the given input and various steps of rearrangement it is evident that in the first step one number is rearranged and in the next step one word is rearranged. These two steps are continued alternately till all the numbers get arranged in ascending order and the words get arranged in reverse alphabetical order.

16. (2)

**Input :** 86 open shut door 31 49 always 45  
 Step I : 31 86 open shut door 49 always 45  
 Step II : 31 shut 86 open door 49 always 45  
 Step III : 31 shut 45 86 open door 49 always  
 Step IV : 31 shut 45 open 86 door 49 always  
 Step V : 31 shut 45 open 49 86 door always  
 Step VI : 31 shut 45 open 49 door 86 always

17. (4) It is not possible to determine the Input from any given step.

18. (2)

Step II : 18 win 71 34 now if victory 61  
 Step III : 18 win 34 71 now if victory 61  
 Step IV : 18 win 34 victory 71 now if 61  
 Step V : 18 win 34 victory 61 71 now if  
 Step VI : 18 win 34 victory 61 now 71 if

19. (5)

**Input :** where 47 59 12 are they going 39  
 Step I : 12 where 47 59 are they going 39  
 Step II : 12 where 39 47 59 are they going  
 Step III : 12 where 39 they 47 59 are going  
 Step IV : 12 where 39 they 47 going 59 are

20. (3)

Step II : 33 store 81 75 full of goods 52  
 Step III : 33 store 52 81 75 full of goods  
 Step IV : 33 store 52 of 81 75 full goods  
 Step V : 33 store 52 of 75 81 full goods  
 Step VI : 33 store 52 of 75 goods 81 full

**Solutions (21-25):**

21. (5) From both the statements  
 $P > W > T > M > R$

22. (4) From both the statements  
 you will be gone                      ka pa ni sa  
 he will be there                      ja da ka ni

23. (4)

24. (3)

25. (5) From both the statements Z and P are sisters of D and K. K is the brother of Z.

**(26-30) :**

- @ → ≥, # ->, % =, \$ → ≤, × -<
26. (5)  $K \leq L < M = N \leq O < P$   
I.  $P > K$  true      II.  $N > K$  true
27. (4)  $A > B > C = D \geq E < F$   
I.  $A < F$  false      II.  $D \geq F$  False
28. (3)  $A > B > C = D \geq E < F$   
I.  $A \geq F$  can't say      II.  $A < F$  can't say
29. (1)  $U < V \leq W < X \geq Y = Z$   
I.  $X > U$ , true      II.  $Z \geq U$  false
30. (2)  $K \leq L < M = N \leq O < P$   
 $N = K$  false      II.  $P > K$  true

**Solutions (31-35) :**

FRIEND	PROFESSION	COLLEGE
Sahil	Fashion Designer	SDM
Ritu	Actor	SDM
Apoorv	Architect	SDM
Neha	Teacher	IOP
Javed	Medicines	DAV
Alka	Engineer	IOP
Lucky	Businessman	DAV

31. (5)      32. (3)      33. (2)  
34. (1)      35. (3)

**Maths**

36. (1)  $\frac{265 \times 40}{100} + \frac{180 \times 35}{100}$   
 $= \frac{? \times 50}{100}$   
p  $10600 + 6300 = ? \times 50$   
p  $? \times 50 = 16900$   
p  $? = \frac{16900}{50} = 338$
37. (5)  $? = 460 \times 15 - 5 \times 200$   
 $= 6900 - 1000 = 5900$
38. (4)  $? = 1548 + 3065 \times \frac{1}{15}$   
 $= 1548 + 204 = 1752$   
The nearest answer = 1750
39. (5)  $250 \times \frac{32}{5} = 2400 \times ?$   
p  $? = \frac{1600}{2400} = \frac{2}{3}$
40. (1)
41. (3) Total graduates in marketing + design  
 $= 20\% \text{ of } 3000 + 25\% \text{ of } 3000 = 55\% \text{ of } 3000 = 1350,$   
Total employees in marketing + design  
 $= 6000,$   
Non graduates =  $6000 - 1350 = 4650$   
Reqd. % =  $\frac{4650}{6000} \times 100 = 77.5\%$

42. (2)      43. (5)      44. (4)  
45. (2)      46. (3)
47. (1) Let the initial number of employees be  $9x$  and the employer gives Rs.  $14y$  as wage to each.  
 $9x \times 14y = 18900$   
 $xy = 150$  and The later bill =  $8x \times 15y = 120xy$   
 $= 120 \times 150 = 18000$   
Required ratio =  $18000 : 18900$   
 $= 20 : 21$
48. (4) Let the max. number of runs be  $x$ .  
The lowest score =  $(x-172)$   
 $40 \times 50 = 38 \times 48 + x + (x-172)$   
 $2000 = 1824 + 2x - 172$   
 $x = 174$

**Solutions (51-55) :**

49. (4) Population =  $12 \times \frac{110}{100} = 13.2$  lakh
50. (3) Data not sufficient  $r = \frac{100 \times S.I}{P \times t}$   
We have 'S.I.' and 't' but we need 'P' also.
51. (2) Let number of male be  $5x$  and female  $3x$ .  
**From (I)**  
 $5x + 3x = 32$   
 $x = 4$   
Male = 20  
**From (II)**  
 $5x - 3x = 8$   
 $x = 4$   
So, male = 20
52. (1)      53. (4)
54. (3)  $\frac{28 \times 1}{7} = \frac{x \times 1}{\frac{1}{8}}$   
 $x = \frac{28}{7} = 4$
55. (4) Relative speed =  $(35 - 25) \times \frac{5}{18}$   
 $= \frac{25}{9}$  m/s  
 $\frac{25}{9} = \frac{80 + 120}{x}$   
 $x = 72$  seconds
56. (5)
57. (4) Time taken by all the three pipes to fill the  
the  
 $= \frac{1}{10} + \frac{1}{12} - \frac{1}{6} = 60$  min  
Time taken to fill the two-third part of tank  
 $= \frac{60}{1} = \frac{x}{\frac{2}{3}} = 40$  minute

58. (2) Total marks of Charu = 72% of 100 + 60% of 100 + 68% of 150 + 74% of 60 + 68% of 150 + 75% of 40  
 i. = 72 + 60 + 102 + 44.4 + 102 + 30 = 410.4  
 percentage of marks =  $\frac{410.4}{600} \times 600$   
 = 69 approx.

59. (2) Required percentage =  $\frac{55\% \text{ of } 40}{66\% \text{ of } 100} \times 100$   
 = 33.33%

60. (2) Required percentage =  $\frac{80\% \text{ of } 60 + 62\% \text{ of } 40}{60 + 40} \times 100 = 72.8$

61. (2) I.  $x^2 - 11x + 24 = 0$   
 p  $x^2 - 8x - 3x + 24 = 0$   
 p  $(x-3)(x-8) = 0$   
 \  $x = 3$  or  $8$   
 II.  $2y^2 - 9y + 9 = 0$   
 p  $2y^2 - 3y - 6y + 9 = 0$   
 p  $(2y-3)(y-3) = 0$   
 \  $y = \frac{3}{2}$  or  $3$

Clearly  $x > y$

62. (3) I.  $x^3 \times 13 = x^2 \times 247$   
 p  $\frac{x^3}{x^2} = \frac{247}{13}$   
 p  $x = 19$

II.  $\frac{1}{y^3} \times 14 = \frac{294}{y^3}$

p  $y^{\frac{1}{3}} \cdot y^{\frac{2}{3}} = \frac{294}{14}$

p  $y^{\frac{1+2}{3}} = 21$

p  $y = 21$

Clearly,  $x < y$

63. (4) I.  $\frac{48}{x^{4/7}} - \frac{12}{x^{4/7}} = x^{10/7}$

p  $\frac{48 - 12}{x^{4/7}} = x^{10/7}$

p  $36 = x^2$  p  $x = \sqrt{36} = \pm 6$

II.  $y^3 = 999 - 783 = 216$

\  $y = \sqrt[3]{216} = 6$

Clearly  $x \leq y$

64. (3) I.  $\sqrt{500}x + \sqrt{402} = 0$

p  $x = -\sqrt{\frac{402}{500}} = -\sqrt{\frac{400}{484}} = -0.9$

II.  $\sqrt{360}y = -\sqrt{200}$

$y = -\sqrt{\frac{200}{360}} = -\sqrt{\frac{196}{361}} = -0.7$

Hence  $x < y$

65. (3) I.  $x = 17^2 + 144 \times \frac{1}{18}$   
 = 289 + 8 = 297

II.  $y = 26^2 - 378 = 298$

Clearly,  $1x < y$

66. (2) The pattern of the number series is :  
 $(484 \div 2) - 2 = 242 - 2 = 240$

$(240 \div 2) - 2 = 120 - 2 = 118$  120

$(118 \div 2) - 2 = 59 - 2 = 57$

$(57 \div 2) - 2 = 28.5 - 2 = 26.5$

67. (4) The pattern of the number series is :

$3 \times 1 + 2 = 5$

$5 \times 2 + 3 = 13$

$13 \times 3 + 4 = 43$

$43 \times 4 + 5 = 177$  176

$177 \times 5 + 6 = 891$

68. (5) The pattern of the number series is :

$6 + 1^2 = 6 + 1 = 7$

$7 + 3^2 = 7 + 9 = 16$

$16 + 5^2 = 16 + 25 = 41$

$41 + 7^2 = 41 + 49 = 90$

$90 + 9^2 = 90 + 81 = 171$  154

$171 + 11^2 = 171 + 121 = 292$

69. (1) The pattern of the number series is :

$5 \times 1 + 1^2 = 6$  7

$6 \times 2 + 2^2 = 16$

$16 \times 3 + 3^2 = 57$

$57 \times 4 + 4^2 = 228 + 16 = 244$

$244 \times 5 + 5^2 = 1220 + 25 = 1245$

70. (3) The pattern of the number series is :

$4 \times 0.5 + 0.5 = 2 + 0.5 = 2.5$

$2.5 \times 1 + 1 = 3.5$

$3.5 \times 1.5 + 1.5 = 6.75$  6.5

$6.75 \times 2 + 2 = 15.5$

$15.5 + 2.5 + 2.5 = 38.75 + 2.5 = 41.25$

$41.25 \times 3 + 3 = 123.75 + 3 = 126.75$

**ENGLISH LANGUAGE**

81. (4) Remove 'more'. Two comparative degrees can't come together.

82. (3) Replace 'has' by 'have'. Plural noun (a few banks) takes a plural verb.

83. (1) Replace 'of' by 'from', 'Apart from' is a phrase.

84. (4) Co-relative conjunction 'as .....as' must be filled by an adjective. Replace 'keenly' by 'Keen'.

85. (4) Here, a verb is required thus, replace 'success' by 'succeed'.

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**VOCABULARIES**

<b>Words</b>	<b>Meaning in English</b>	<b>Meaning in Hindi</b>
Extravagant	Costing a lot more money than you can afford or is necessary.	अनावश्यक, खर्चीला
Stimulating	Making you feel more active and healthy	स्फूर्तिदायक
Sparingly	In a way that is careful to use or give only a little of something.	किफायत पूर्वक, मितव्ययितापूर्वक
Brew	Be mixed with hot water and ready to drink	तैयार करना
Jitters	Feelings of being anxious and nervous	घबराहट
Loom	Come into view indistinctly, often threateningly.	संकट मंडराना
Frost	The thin white layer of ice that forms when the temperature drops below 0°C.	पाला
Swatches	A small contrasting part of something	दाग, धब्बा
Saltpetre	A white powder used for preserving food and making matches and gunpowder.	शोरा
Susceptible	Very likely to be influenced, harmed or affected by somebody/something.	अतिसंवेदनशील
Spree	A spell or sustained period of unrestrained activity of a particular kind.	आनंद का उत्सव
Dire	Very serious	गंभीर
Disruption	An act of delaying or interrupting the continuity	विघ्न, बाधा
Applaud	To express praise for somebody/something because you approve of them or it.	सराहना करना
Propensity	A tendency to a particular kind of behaviour	झुकाव
Plummeting	Falling suddenly and quickly from a high level or position	गिरने की क्रिया
Altercation	A noisy argument or disagreement	वाद-विवाद
Unprecedented	That has never happened, been done or been known before	अद्वितीय
Sneer	Smile or speak in a contemptuous or mocking manner	तिरस्कार पूर्वक व्यवहार करना
Encroachment	The act of slowly covering more and more of an area	अतिक्रमण
Bestow	To give something to somebody, especially to show how much they are respected	अर्पित करना
Forsaken	Abandoned or deserted	त्यागा हुआ
Preach	To give somebody advice on moral standards, behaviour, etc.	प्रवचन देना
Bleary-eyed	With bleary eyes and seeming tired.	उर्जारहित आँखें वाला
Toiled	Having worked extremely hard or incessantly	कड़ी मेहनत किया हुआ
Orbit	An area of activity, interest, or application.	क्षेत्र
Churn out	To produce something quickly and in large amounts	पैदा होना, बड़ी मात्रा में उत्पन्न होना
Yo - Yo	Changing repeatedly in size, amount, quality, etc. from one extreme to another	अस्थिर

  
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**BANK PO PHASE -I MOCK TEST - 38 (ANSWER KEY)**

- |         |         |         |          |
|---------|---------|---------|----------|
| 1. (2)  | 26. (5) | 51. (2) | 76. (2)  |
| 2. (3)  | 27. (4) | 52. (1) | 77. (3)  |
| 3. (4)  | 28. (3) | 53. (4) | 78. (3)  |
| 4. (2)  | 29. (1) | 54. (3) | 79. (1)  |
| 5. (5)  | 30. (2) | 55. (4) | 80. (1)  |
| 6. (2)  | 31. (5) | 56. (5) | 81. (4)  |
| 7. (5)  | 32. (3) | 57. (4) | 82. (3)  |
| 8. (5)  | 33. (2) | 58. (2) | 83. (1)  |
| 9. (5)  | 34. (1) | 59. (2) | 84. (4)  |
| 10. (1) | 35. (3) | 60. (2) | 85. (4)  |
| 11. (1) | 36. (1) | 61. (2) | 86. (2)  |
| 12. (5) | 37. (5) | 62. (3) | 87. (4)  |
| 13. (1) | 38. (4) | 63. (4) | 88. (5)  |
| 14. (5) | 39. (5) | 64. (3) | 89. (2)  |
| 15. (1) | 40. (1) | 65. (3) | 90. (1)  |
| 16. (2) | 41. (3) | 66. (2) | 91. (5)  |
| 17. (4) | 42. (2) | 67. (4) | 92. (2)  |
| 18. (2) | 43. (5) | 68. (5) | 93. (3)  |
| 19. (5) | 44. (4) | 69. (1) | 94. (4)  |
| 20. (3) | 45. (2) | 70. (3) | 95. (2)  |
| 21. (5) | 46. (3) | 71. (5) | 96. (5)  |
| 22. (4) | 47. (1) | 72. (1) | 97. (3)  |
| 23. (4) | 48. (4) | 73. (4) | 98. (1)  |
| 24. (3) | 49. (4) | 74. (1) | 99. (4)  |
| 25. (5) | 50. (3) | 75. (5) | 100. (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*