

**BANK PO PHASE-I MOCK TEST-31 (SOLUTION)**

**REASONING**

1. (4) Given number: 7 5 3 6 8 2 1 9  
Ascending order: 1 2 3 5 6 7 8 9

2. (1)

3. (5) As,  
E C O N O M I C S  
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓  
Z Y L L N K F Y N  
-5 -4 -3 -2 -1 -2 -3 -4 -5

**Similarly,**

I N S T I T U T E  
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓  
D J P R H R R P Z  
-5 -4 -3 -2 -1 -2 -3 -4 -5

4. (3) FOREIGN

1. E G
2. R N

Only these two values are possible in the word FOREIGN.

5. (4) C \_ \_ \_ \_ \_

Either E will be right or left side of C.

C \_ \_ \_ \_ W \_  
or

W \_ \_ \_ \_ C \_ \_ \_ \_ \_

So in that condition we cannot decide the position of W.

**Solutions (6-10) :** In the given set of input/output question the logic is :

First, out of the three word-number combirat the smallest number along with the word following it is shifted to the left most side, then the largest number along with the word following it is shifted alternatively to left side and so on. After all the numbers are shifted the remaining words are arranged alphabetically.

**Input : "Rahul Needs 31 English 18 Hindi And 24 Science Books".**

**Step I:** 18 Hindi Rahul needs 31 English And 24 Science books

**Step II:** 18 Hindi 31 English Rahul Needs And 24 Science Books

**Step III:** 18 Hindi 31 English 24 Science Rahul Needs And Books

**Step IV:** 18 Hindi 31 English 24 Science And Rahul Needs Books

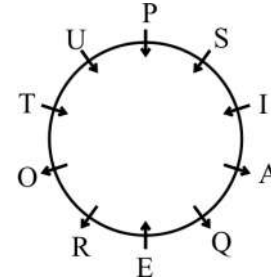
**Step V:** 18 Hindi 31 English 24 Science And Books Rahul Needs

**Step VI:** 18 Hindi 31 English 24 Science And Books Needs Rahul

6. (3)            7. (4)            8. (1)

9. (3)

**Solutions (10-16) :**



10. (2)            11. (5)            12. (1)

13. (1)            14. (3)            15. (2)

16. (3)

**Solutions (17-21) :**

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

20. (5)

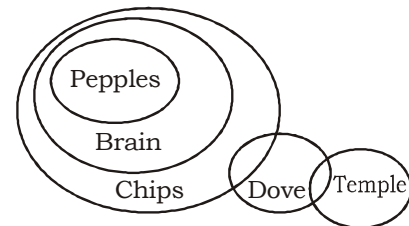
21. (5) By both statements we can say that Rajesh is second to the right of Umesh.

22. (1)            23. (4)            24. (4)

25. (3)            26. (1)

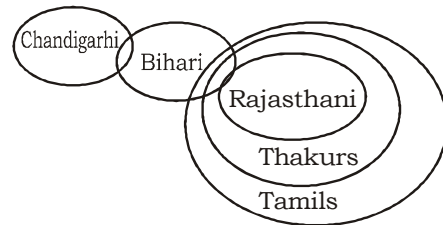
**(27-31) :**

27. (4)

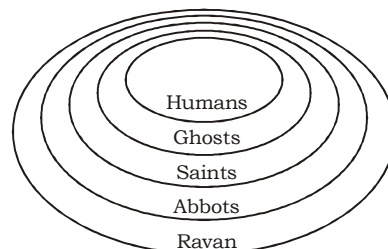


28. (1) Vegetables Fruit Salad Milk Poison

29. (2)



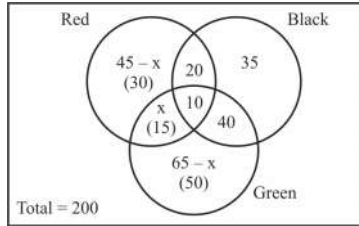
30. (3)





50. (3) Resultant profit =  $16 + 25 + \left(\frac{16 \times 25}{100}\right)$   
= 45%

**(51-55):**



$$45 - x + 20 + 35 + 10 + x + 40 + 65 - x = 200$$

$$215 - x = 200$$

$$x - 215 - 200 = 15$$

51. (1)      52. (5)      53. (5)

54. (4)      55. (2)

**Solutions (56-60):**

56. (2) Saving of A =  $\frac{60^\circ}{360^\circ} \times 450000 = 75000$

Saving of B =  $\frac{30^\circ}{360^\circ} \times 540000 = 45000$

Total = 75000 + 45000 = 120000

57. (3) The amount spent on clothes by

A =  $\frac{40^\circ}{360^\circ} \times 450000 = 50000$

The amount spent on clothes by

B =  $\frac{50^\circ}{360^\circ} \times 540000 = 75000$

$\therefore$  Ratio =  $\frac{50000}{75000} = \frac{2}{3} = 2 : 3$

58. (5) The amount spent on food by

B =  $\frac{120^\circ}{360^\circ} \times 540000 = 180000$

Education of A =  $\frac{80^\circ}{360^\circ} \times 450000 = 100000$

$\therefore$  % =  $\frac{180000}{100000} \times 100 = 180\%$

59. (3) The amount spent on house rent of A =

$\frac{70^\circ}{360^\circ} \times 450000 = 87500$

The amount spent on rent of B =  $\frac{70^\circ}{360^\circ} \times 540000 = 112500$

$\therefore$  Average =  $\frac{112500 + 87500}{2} = \frac{200000}{2}$   
= 100000 = 1 lakh

60. (4) The amount spent on education by

B =  $\frac{85^\circ}{360^\circ} \times 540000 = 127500$

The amount spent on education by

A =  $\frac{85^\circ}{360^\circ} \times 450000 = 100000$

$\therefore$  % =  $\frac{127500 - 100000}{100000} \times 100$

=  $\frac{27500}{100000} \times 100 = 27.5$

**Solutions (61-65):**

Year	Food	Education
2001	Rs 2400	Rs 1600
2002	Rs 2420	Rs 1980
2003	Rs 2500	Rs 2500
2004	Rs 36,40	Rs 1960
2005	Rs 2700	Rs 3300

61. (4)      62. (1)      63. (4)

64. (5)      65. (3)

**Solutions (66-70):**

66. (5) I.  $35x^2 - 99x + 70 = 0$   
 $(7x - 10)(5x - 7) = 0$

$x = \frac{10}{7}, \frac{7}{5}$

II.  $y^2 - \sqrt{2}y + \sqrt{6} = \sqrt{3}y$

$(y - \sqrt{2})(y - \sqrt{3}) = 0$

$y = \sqrt{2} = 1.414$

$y = \sqrt{3} = 1.732$

relation can't be established

67. (5) I.  $28x - 41\sqrt{x} + 15 = 0$

$28x - 21\sqrt{x} - 20\sqrt{x} + 15 = 0$

$(4\sqrt{x} - 3)(7\sqrt{x} - 5) = 0$

$x = \frac{9}{16}, \frac{25}{49}$

II.  $40y - 57\sqrt{y} + 20 = 0$

$(5\sqrt{y} - 4)(8\sqrt{y} - 5) = 0$

$y = \frac{16}{25}, \frac{25}{64}$

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68. (5) I.  $x^2 - 7\sqrt{2}x + 24 = 0$   
 $(x - 3\sqrt{2})(x - 4\sqrt{2}) = 0$   
 $x = 3\sqrt{2}, 4\sqrt{2}$

II.  $y^2 - 5\sqrt{3}y + 18 = 0$   
 $(y - 3\sqrt{3})(y - 2\sqrt{3}) = 0$   
 $y = 3\sqrt{3}, 2\sqrt{3}$

69. (3)  $x - 20\sqrt{x} + 99 = 0$   
 $(\sqrt{x} - 11)(\sqrt{x} - 9) = 0$   
 $x = 121, 81$

$y - 25\sqrt{y} + 156 = 0$   
 $(\sqrt{y} - 12)(\sqrt{y} - 13) = 0$   
 $y = 144, 169$

70. (5)  $x^2 - 15x + 44 = 0$   
 $(x - 4)(x - 11) = 0$   
 $x = 4, 11$

$y^2 - 8\sqrt{2}y + 30 = 0$   
 $(y - 3\sqrt{2})(y - 5\sqrt{2}) = 0$   
 $y = 3\sqrt{2}, 5\sqrt{2}$

**ENGLISH LANGUAGE**

- |         |         |          |
|---------|---------|----------|
| 71. (2) | 72. (4) | 73. (1)  |
| 74. (3) | 75. (4) | 76. (2)  |
| 77. (5) | 78. (4) | 79. (3)  |
| 80. (1) | 81. (2) | 82. (3)  |
| 83. (5) | 84. (3) | 85. (1)  |
| 86. (4) | 87. (4) | 88. (3)  |
| 89. (5) | 90. (5) | 91. (2)  |
| 92. (5) | 93. (4) | 94. (1)  |
| 95. (2) | 96. (1) | 97. (1)  |
| 98. (2) | 99. (1) | 100. (2) |

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**VOCABULARIES**

<b>Word</b>	<b>Meaning in English</b>	<b>Meaning in Hindi</b>
Warring	Involved in a war	युद्धरत
Affliction	A state of great suffering and distress	यातना, पीड़ा
Defunct	No longer existing, operating or being used	निष्क्रिय, प्रचलित
Grudge	A feeling of deep-seated resentment or ill will	द्वेष, दुर्भाव
Inherently	According to or because of the basic nature of somebody/something	स्वाभाविक रूप से
Intrinsic	Belonging to or part of the real nature of something/somebody	स्वाभाविक, मूलभूत
Call off	To cancel something	रद्द करना, रोकना
Punitive	Intended as punishment	दंड के रूप का
Exemplary	Providing a good example for people to copy	आदर्श, अनुकरणीय
Malady	Any unwholesome or desperate condition	रोग, व्याधि
Malaise	Physical discomfort (as mild sickness or depression)	बेचैनी
Stalemate	A situation in which no progress can be made or no advancement is possible	गतिरोध
Virtually	Nearly, almost	असल, हकीकत में
Bland	Showing no strong emotions or excitement; not saying anything very interesting	नीरस, अरोचक
Assertion	A confident and forceful statement of fact or belief	कथन, घोषणा

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**BANK PO PHASE -I MOCK TEST - 31 (ANSWER KEY)**

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