

BANK PO PHASE-I MOCK TEST-32 (SOLUTION)

REASONING

Solutions (1-5) :

Gender	Teacher	Subject
Male	P	Reasoning
Male	Q	Geography
Female	R	Comuters
Male	S	English
Female	T	History
Male	U	Maths
Female	V	Economics

P is married to T and R is married to S.

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

Solutions (6-10) :

6. (3) Authors main argument is that the use of modern farming technology such as use of chemical fertilizers and pesticide have helped India in green revolution but it also have harmful effects. Only option (3) strengthens this argument.
7. (3) The passage does not say anything about option (1), (2) or (5). Also nothing is mentioned about future, so we can eliminate (5). Only (3) is which can be inferred from the passage.
8. (4) Nothing is mentioned about (1), (2), (3) and (5). Only (4) can be the possible effect.
9. (3) (1) is an effect and not the cause. (2) and (4) are not rational. Study done a couple of years ago should not necessarily apply in present situation. Only (3) can be a suitable cause.
10. (2) The argument recommends that migraine sufferers should try to find the one trigger for their headaches and then avoid this trigger. This would still be a good plan even if the trigger did not always cause a headache – it is better to be safe than sorry – and so the best answer is (2).

Solutions (11-15) :

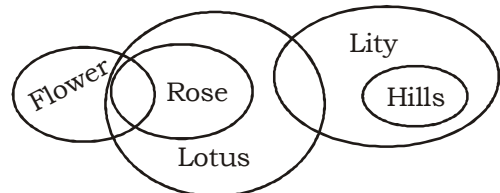
In each step one word and one number are rearranged. The word which comes first in the dictionary is placed at the extreme left position followed by the lowest number. In the second step, the word which comes second in the dictionary is placed at the extreme left position followed by the second lowest number. The same process is

continued till all the words get rearranged in the reverse order of English alphabet and all the numbers get rearranged in descending order.

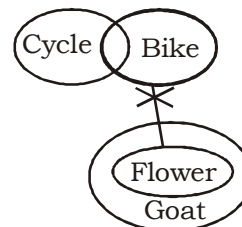
- Input :** 32 proud girl beautiful 48 55 97 rich family 61 72 17 nice life
- Step I :** beautiful 17 32 proud girl 48 55 97 rich family 61 72 nice life
- Step II :** family 32 beautiful 17 proud girl 48 55 97 rich 61 72 nice life
- Step III :** girl 48 family 32 beautiful 17 proud 55 97 rich 61 72 nice life
- Step IV :** life 55 girl 48 family 32 beautiful 17 proud 97 rich 61 72 nice
- Step V :** nice 61 life 55 girl 48 family 32 beautiful 17 proud 97 rich 72
- Step VI :** Proud 72 nice 61 life 55 girl 48 family 32 beautiful 17 97 rich
- Step VII :** rich 97 proud 72 nice 61 life 55 girl 48 family 32 beautiful 17
11. (3) 12. (4) 13. (3)
14. (1) 15. (2)

Solutions (16-20) :

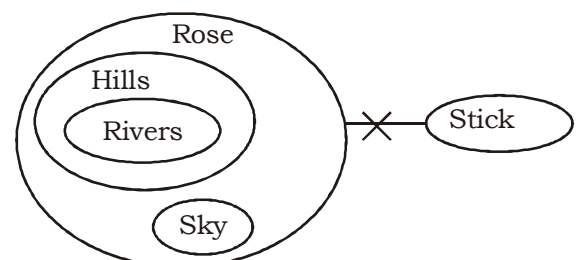
16. (4)



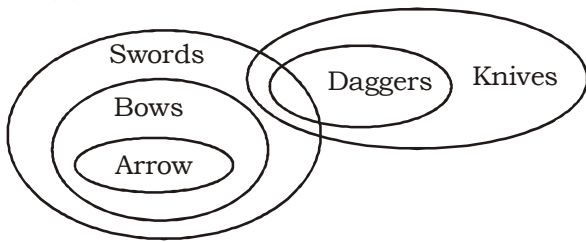
17. (2)



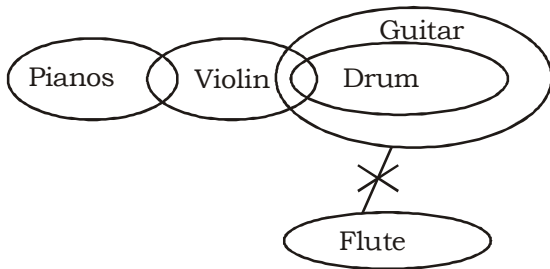
18. (1)



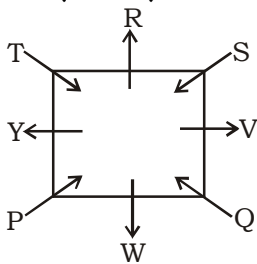
19. (3)



20. (5)



Solutions (21-25) :



21. (2) 22. (3) 23. (4)

24. (1) 25. (3)

26. (4) **Given statements :**

- $H \geq W < M$... (i)
 $N = P > H$... (ii)
 $K \leq L < N$... (iii)

Combining all these statements, we get

$$K \leq L < N = P > H \geq W < M$$

Thus, $N > W$ is true

$M \geq N$ is not true.

$K = H$ is not true.

Again, $L < P$ or $P > L$ is true.

Hence only I and IV are true.

27. (2) **Given statements :**

$$G = C \geq P = T$$

$$U \leq N = J < G$$

Combining both statements, we get

$$U \leq N = J < G = C \geq P = T$$

Thus, $U \leq P$ is not true.

Again, $N < G$ or $G > N$ is true.

$G \geq T$ is true.

$U < G$ is true.

Hence only II, III and IV are true.

28. (2) **Given statements :**

$$R \leq S < Q = P \quad \dots(i)$$

$$T = U > E \geq P \quad \dots(ii)$$

Combining both statements, we get

$$R \leq S < Q = P \leq E < U = T$$

Thus, $S < T$ or $T > S$ is true.

Hence $(T < S)$ is not true.

$E < Q$ is not true.

$S < U$ is true.

$R < T$ or $T > R$ is true.

Hence, only III and IV are true

29. (5) **Given statements :**

$$C \geq D = E < G \quad \dots(i)$$

$$L \geq T > N = G \quad \dots(ii)$$

Combining both statements, we get

$$C \geq D = E < G = N < T \leq L$$

Thus, $D < T$ or $T > D$ is true.

$E < L$ or $L > E$ true.

$C \geq T$ is not true.

$D \leq E$ is not true.

Hence, only I and II are true

30. (4) **Given statements :**

$$W \leq V = Q < R$$

$$P > S = T \geq W$$

Combining both statements, we get

$$P > S = T \geq W \leq V = Q < R$$

Thus, $P \leq Q$ is not true.

$S \leq V$ is not true.

$R \leq T$ is not true.

$P > V$ is not true.

Hence, none is true.

31. (4) 32. (5) 33. (1)

34. (3) 35. (2)

Maths

36. (3) Let the number of boys = 300

The number of girls = 200

No. of students who are not adult

$$= 300 \times \frac{70}{100} + 200 \times \frac{25}{100}$$

% ge of student who are not adult

$$= \frac{360}{500} \times 100 = 72\%$$

$$37. (4) \text{ Work done by Ratan } = \frac{19}{23} + \frac{8}{23} - 1 \\ = \frac{4}{23}$$

$$\text{Therefore, Wages of Ratan } = \frac{4}{23} \times 5750 \\ = ₹ 1000$$

$$38. (3) \text{ In 1 min. water poured by Ramesh } \\ = \frac{5}{4} \text{ liter}$$

$$\text{In 1 min. water poured by Suresh} = \frac{4}{5} \text{ liter}$$

In 1 min. water poured by both Ramesh

$$\text{and Suresh } = \frac{41}{20} \text{ liter}$$

$$\text{In 1 hour they fill } = \frac{41}{20} \times 60 = 123 \text{ liters}$$

39. (5) After withdrawing 14 liters of mixture the ratio would be some.

A	B	New Ratio A : B
$5_{\times 3}$	$2_{\times 3} \Rightarrow$	15 6
$3_{\times 5}$	$4_{\times 5} \Rightarrow$	15 20
		+14 unit
		14 unit = 14 litre
		\Rightarrow 1 unit = 1 litre

Total initial mixture = (15 + 6) unit + 14 litres
 = $21 \times 1 + 14$
 = 35 litre

\therefore Liquid A = $\frac{35}{7} \times 5 = 28$ litre

40. (3) The terms are multiplied by 6, 5, 4, 3 and so on.

41. (3) $23 = 11 \times 2 + 1$; $48 = 23 \times 2 + 2$; $99 = 48 \times 2 + 3$; $202 = 99 \times 2 + 4$; and so on.

42. (2) All numbers are prime numbers with one prime number missing between any pair of consecutive terms.

43. (4) Failed in mathematics, $n(1) = 34$

Failed in English, $n(2) = 42$

Now, $(A \cup B) = n(1) + n(2) - n(A \cap B)$
 = $34 + 42 - 20 = 56$

It implies, students failed in either subjects or both are 56. thus,

Percentage of students passed = $(100 - 56)\%$
 = 44%.

44. (4) The relative speed = $92 - 72 = 20$ km/h.
 Now, The length of the two trains combined

$$= 20 \times \frac{5}{18} \times 90 = 500 \text{ m.}$$

\therefore length of the each train = $\frac{500}{2} = 250$ m.

45. (1) According to the given statement

4 Men \times 2 Days = 4 Women \times 4 Days

$$\frac{1}{2} \text{ Men} = 1 \text{ Women}$$

And

4 Men \times 2 Days = 5 Children \times 4 Days

$$\frac{2}{5} \text{ Men} = 1 \text{ Child}$$

Therefore, 2 Men + 4 Women + 10 Children = 8 Men

2 Men + 4 Women + 10 Children will

complete the work in = $\frac{(4 \times 2)}{8} = 1$ day.

46. (4) According to question.

$$\frac{a}{5} = \frac{b}{9} = \frac{c}{16} = K \text{ (suppose)}$$

Then, $a = 5k$, $b = 9k$ and $c = 16k$

$$\text{Now, } \frac{a+b+c}{a} = \frac{5K+9K+16K}{5K} = \frac{30K}{5K} = 6$$

47. (2) $2 = \frac{x}{2} + \frac{x}{8}$

$$\frac{8 \times 2}{5} = x$$

$$3.2 \text{ km} = x$$

48. (4) Amount = $P (1 + r_1/100) (1 + r_2/100) (1 + r_3/100)$
 = ₹ 8353.80

49. (1) $\frac{x \times 8 \times 5}{100} + \frac{x \times 10 \times 4}{100} + \frac{x \times 12 \times 3}{100} = 17,280 - x$

$$x = \frac{17280 \times 100}{216}$$

$$= 8000$$

50. (5) Using statement II,

It c is an even integer, then, out of the integers given in statement II, b and d are odd number.

51. (3) From I: $x + (x + 2) = 18$ i.e. $x = 8$

Hence, fourth consecutive even number is $(x + 6) = 14$.

From II: $x + 4 + (x + 6) = 26$ i.e. $x = 8$

Hence, fourth consecutive even number is $(x + 6) = 14$.

52. (4) Even the combination of both statements will not be able to answer the question.

53. (5) $8x - 5y = 7x - 4y$
 $x = y = 200$

Sum of their monthly income is = $8x + 7x$
 = $15x = 3000$

54. (4) $B = 6c$
 $A + 6C + C = 210 + A$

$$C = 30$$

$$B = 180$$

$$A + 180 = (180 + 30)$$

$$A = 630 - 180$$

$$A = 450$$

55. (4) $\frac{m_1}{m_2} \times \frac{n_1}{n_2} = \frac{w_1}{w_2}$

$$m_1 = 24, \quad n_1 = 3 \quad w_1 = \frac{3}{16}$$

$$m_2 = x, \quad n_2 = 8 \quad w_2 = \frac{3}{16}$$

Required men = $39 - 24 = 15$ men

56. (1) m.p. = 800

$$\text{After Discount} = 800 \times \frac{90}{100} \times \frac{80}{100} = 576$$

$$\text{Total cp} = 576 + 224 = 800$$

He sold it at 800 so no gain no loss.

57. (4) $\frac{25}{26} \times 100 \approx 96\%$

58. (5) No. of male in A = 16800

No. of male in B = 34650

No. of male in C = 52500

No. of male in D = 36400

No. of male in E = 10500

$$\text{Total number of male} = 150850$$

59. (4)

60. (3) $\left(15 \times \frac{80}{100} - 18 \times \frac{45}{100}\right) \times 3500$

$$= 13650$$

61. (3) $\frac{135800}{87150} \times 100 \approx 156\%$

62. (2) Let the speeds of the two trains be x m/sec and y m/sec respectively.

Then, length of the first train = $27x$ metres, and length of the second train = $17y$ metres.

$$\Rightarrow 27x + 17y = 23x + 23y$$

$$\Rightarrow 4x = 6y$$

$$\Rightarrow \frac{x}{y} = \frac{3}{2} = 3 : 2$$

63. (1) C's one day work = $\frac{1}{3} - \left(\frac{1}{6} + \frac{1}{8}\right) = \frac{1}{3} - \frac{7}{24}$

$$= \frac{1}{24}$$

$$\text{A's wage} : \text{B's wage} : \text{C's wage} = \frac{1}{6} : \frac{1}{8} : \frac{1}{24}$$

$$= 4 : 3 : 1$$

$$\text{C's share for 3 days} = 3 \times \frac{1}{24} \times 3200$$

$$= ₹ 400$$

64. (1) Suppose he move 4 km downstream in x hours. Then,

$$\text{Speed downstream} = 4/x \text{ km/hr}$$

$$\text{Speed upstream} = 3/x \text{ km/hr.}$$

$$\frac{48}{\frac{4}{x}} + \frac{48}{\frac{3}{x}} = 14 \text{ or } x = \frac{1}{2}$$

So, Speed downstream = 8 km/hr, Speed upstream = 6 km/hr.

$$\text{Rate of the stream} = \frac{1}{2}(8 - 6) \text{ km/hr} = 1 \text{ km/hr.}$$

65. (4) $\frac{6 \times 1}{250} = \frac{2 \times 60}{x}$

$$x = \frac{2 \times 60 \times 250}{6}$$

$$x = 5000$$

66. (3) $l = 20 \text{ ft}$

$$20 \times b = 640$$

$$b = 32$$

$$\text{Length of fencing} = [l + 2b] = [20 + 64] = 84 \text{ ft}$$

67. (2) Required ratio = $7150 : 4800 = 143:96$

68. (3) Required total number of sales = $5.5 + 3.5 + 7.5 + 5.6 + 6.3 + 3.5 = 31900$

69. (1) Cinema P's sales = 62.45

Cinema Q sales = 55

Cinema R sales = 31.9

Cinema S sales = 53.8

Cinema T sales = 36.4

70. (3) Required difference = $12.6 - 6.3 = 6.3$

ENGLISH LANGUAGE

71. (2) 72. (5) 73. (1)

74. (5) 75. (3) 76. (4)

77. (1) 78. (4) 79. (1)

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

83. (3) Replace 'what' by 'which'.

84. (2)

85. (4)

86. (3) 87. (5) 88. (3)

89. (3) 90. (2) 91. (4)

92. (3) 93. (1) 94. (5)

95. (4) 96. (2) 97. (1)

98. (4) 99. (3) 100. (5)

VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Backdrop	The general conditions in which an event takes place, which sometimes help to explain that event	पृष्ठभूमि
Palpable	That is easily noticed by the mind or the senses	प्रत्यक्ष, स्पर्शनीय
Fray at the edges	To start to come apart or to fail	टूट जाना, अलग होना
Abiding	(of a feeling or a memory) lasting a long time; enduring	स्थायी
Alienation	A withdrawing or separation of a person or a person's affections from something	विरक्ति
Cynicism	The belief that something good will not happen or that something is not important	निराशावाद
Vortex	A very powerful feeling or situation that you cannot avoid or escape from	भंवर
Draconian	(of a law, punishment, etc.) extremely cruel and severe	संख्त, क्रूर
Colonial	Connected with or belonging to a country that controls another country	उपनिवेशी
Resurrection	A new beginning for something which is old or which had disappeared or become weak	पुनरूत्थान
Eminent	Famous and respected, especially in a particular profession	सुप्रसिद्ध, प्रख्यात
Conceivably	In a way that you can imagine or believe	संभावित रूप से
Provision	A stipulated condition	विधान
Sanguine	Optimistic or positive, especially in an apparently bad or difficult situation	आशावादी
Odious	Extremely unpleasant	घृणित, कृत्सित
Azure	A bright blue colour, like the sky	आसमानी नीला
Abridge	To make a book, play, etc. shorter by leaving parts out	संक्षेप करना
Tremor	A slight shaking movement	कंपन
Flagrant	(of an action) shocking because it is done in a very obvious way and shows no respect for people, laws, etc.	निंदनीय, ज्वलंत
Lousy	Very bad	निंदनीय, ज्वलंत
Envisage	To imagine what will happen in the future	परिकल्पना करना, विचार करना



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BANK PO PHASE -I MOCK TEST - 32 (ANSWER KEY)

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

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