

IBPS PO (PHASE-I) - MOCK TEST - 203 (SOLUTION)

REASONING

(1-5) :

Floor	Room and person		
4	1 (J)	Vacant 2	3 (I)
3	1 (D)	2 (E)	3 (A)
2	1 (C)	Vacant 2	3 (G)
1	1 (F)	2 (H)	3 (B)

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

(6-10) :

Date \ Month	15 th	20 th
March	P	A/S
April	T	D
July	C	B
August	S/A	R
September	Q	E

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

(11-15) :

- \$ ⇒ =
? ⇒ <
% ⇒ >
© ⇒ ≥
⇒ ≤

11. (3) $A ≥ P > E < F ≤ S$
I. $S > E → True$
II. $A > E → True$
III. $F > P → False$
Only I and II follow

12. (4) $P < W = Q > S ≥ A$
I. $A < Q → True$
II. $Q > P → True$
III. $W > A → True$
All I, II and III follow

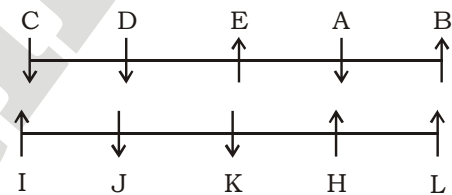
13. (4) $L > N ≤ T = D < A$

- I. $L > A → False$
II. $L ≤ A → False$
III. $A > N → True$
Only III follows

14. (1) $M ≤ Q = K < A ≤ V$
I. $K ≥ M → True$
II. $A > Q → True$
III. $A > M → True$
All I, II and III follow

15. (1) $E = C < A ≥ R ≤ S$
I. $S > A → False$
II. $R < C → False$
III. $R ≤ E → False$
None follows

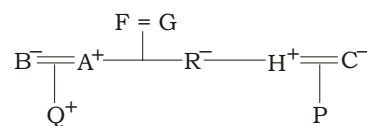
(16-20) :



16. (4) 17. (2) 18. (3)
19. (5) 20. (2)

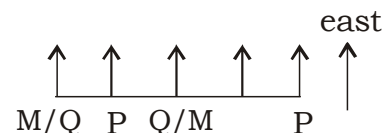
(21-23) :

21. (4) From both I and II statement, G is grandfather or grandmother of Q.

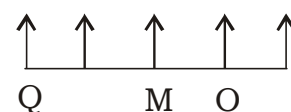


22. (4) From statement I and II, we cannot determined W's direction thus statement I and II not sufficient to give answer the questions.

23. (2) From I

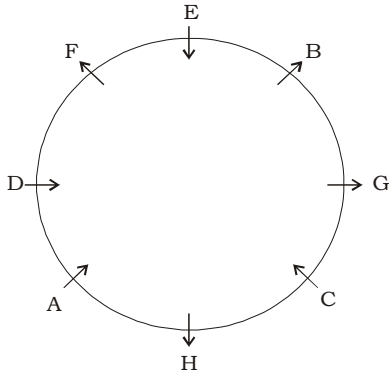


Not sufficient to answer the question from II.



Sufficient to answer the question.

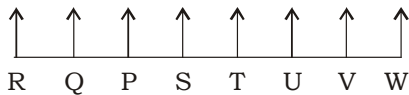
(24-28) :



24. (5) 25. (3) 26. (4)
27. (2) 28. (4)

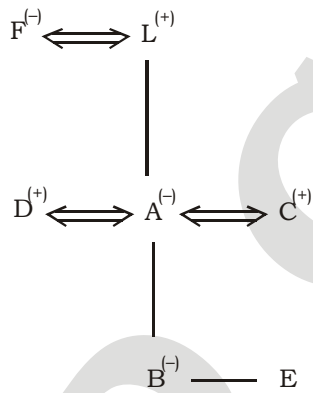
(29-31) :

We assume that (↑) west.



29. (3) 30. (5) 31. (1)

(32-33):



32. (4) 33.(2)
34.(1) $D > C > A > B > E$
35.(1) Original number- 1239475
Obtain Number- 0428864

MATHS

36. (1) Amount saved = $\frac{10}{100} \times 240000 \times \frac{12.5}{100}$
= 3000
37. (3) Estimated cost on Grills & Windows → 10%
Actual cost on Grills & Windows →
 $\frac{7.5}{100} \times 10\% = 7.5\%$

Saved → 2.5%

$$\text{Required percent} = \frac{2.5}{15} \times 100 = 16.66\%$$

38. (5) $14\% - 11\% = 3\%$ of 240000
= 7200
39. (4) Extra amount spent on Furniture = 33600
 $-\frac{13}{100} \times 240000$
= 33600 - 31200 = 2400
= 1% of total amount
Now spending Miscellaneous = 8% - 1%
= 7%

$$\text{Required \%} = \frac{1}{8} \times 100 = 12.5\%$$

40. (2) Average estimated cost on Painting and
Flooring = $\frac{14 + 15}{2} \% \times 240000$
= 34800

41. (3) $1108 + (3)^2 = 1117$
 $1117 + (5)^2 = 1142$
 $1142 + (7)^2 = 1191$
 $1191 + (9)^2 = \mathbf{1272}$
 $1272 + (11)^2 = 1393$

42. (5) $8484 \times \frac{1}{2} + 6 = 4248$

$$4248 \times \frac{1}{2} - 12 = 2112$$

$$2112 \times \frac{1}{2} + 18 = 1074$$

$$1074 \times \frac{1}{2} - 24 = 513$$

$$513 \times \frac{1}{2} + 30 = \mathbf{286.5}$$

43. (3) $154 + 2^3 = 162$
 $162 + 4^3 = 226$
 $226 + 6^3 = \mathbf{442}$
 $442 + 8^3 = 954$
 $954 + 10^3 = 1954$

44. (4) $96 \times 1 - 2 = 94$
 $94 \times 4 - 3 = 373$
 $373 \times 9 - 4 = 3353$
 $3353 \times 16 - 5 = \mathbf{53643}$
 $53643 \times 25 - 6 = 1341069$

45. (2) $1^4 \Rightarrow 1$

$2^4 \Rightarrow 16$

$3^4 \Rightarrow 81$

$4^4 \Rightarrow 256$

$5^4 \Rightarrow \mathbf{625}$

$6^4 \Rightarrow 1296$

46. (1) $14.2\% \text{ of } 5500 + 15.6\% \text{ of } ? = 1795$

$\Rightarrow \frac{14.2}{100} \times 5500 + 15.6 \text{ of } ? = 1795$

$\Rightarrow 15.6\% \text{ of } ? = 1795 - 142 \times 55$

$\Rightarrow 1795 - 781$

$\Rightarrow 15.6\% \text{ of } ? = 1014$

$\Rightarrow ? = \frac{1014 \times 100}{15.6}$

$= 65 \times 100 = 6500$

47. (4) $25\% \text{ of } 84 \times 24\% \text{ of } 85 = ?$

$\Rightarrow \frac{25}{100} \times 84 \times \frac{24}{100} \times 85 = ?$

$\Rightarrow 21 \times 20.40 = ?$

$\Rightarrow 21 \times 20.4 = ?$

$\Rightarrow ? = 428.4$

48. (3) $64\% \text{ of } ? \div 14 = 176$

$\Rightarrow 64\% \text{ of } ? = 176 \times 14$

$\Rightarrow \frac{176 \times 14}{64} \times 100$

$\Rightarrow ? = 38.5 \times 100$

$\Rightarrow ? = 3850$

49. (1) $40\% \text{ of } 265 + 35\% \text{ of } 180 = 50\% \text{ of } ?$

$\Rightarrow \frac{40}{100} \times 265 + \frac{35}{100} \times 180 = \frac{50}{100} \times ?$

$\Rightarrow 40 \times 2.65 + 35 \times 1.8 = \frac{50}{100} \times ?$

$\Rightarrow 106 + 63 = \frac{1}{2} \times ? \left[50\% = \frac{1}{2} \right]$

$\Rightarrow ? = 169 \times 2 = 338$

50. (2) $4\frac{1}{5} \times 3\frac{1}{3} + ? = 20\% \text{ of } 120$

$\Rightarrow \frac{21}{5} \times \frac{10}{3} + ? = \frac{1}{5} \times 120$

(51 - 55):

51. (3) Total no. of failed students in school P

$= \frac{100}{1} \times 3 = 300$

\therefore Total no. of students in school P

$P = 300 + 900 = 1,200$

52. (2) Required ratio

$= 900 \times \frac{1}{3} : 600 \times \frac{2}{5}$

$= 300 : 240 = 5 : 4$

53. (4) No. of passed girl from school S

$= \frac{450}{9} \times 5 = 250$

No. of passed girl from school Q

$= \frac{600}{5} \times 3 = 360$

$\therefore \text{ Required\%} = \left(\frac{250}{360} \times 100 \right) \%$

$= 69.44\% \approx 69\%$

54. (3) Total no. of failed students in school S =

$= \frac{25}{1} \times 9 = 225$

\therefore Required ratio = $450 : 225$

$= 2 : 1$

55. (4) Required average

$= \frac{900 + 600 + 1500 + 450}{4}$

$= \frac{3450}{4} = 862.5 \approx 863$

56. (1) CI : SI = 43 : 40

\therefore SI of two year = 40 unit

\therefore SI of one year = 20 unit

Now, CI for 2nd year

$= 43 - 20 = 23 \text{ unit}$

Now, Let,

$P = 20 \text{ unit}$

$A = 23 \text{ unit}$

$SI = 23 - 20 = 3 \text{ unit}$

$\therefore R = \frac{3 \times 100}{20 \times 1} = 15\%$

57. (2) Let the CP of item P and item Q be ₹100

$$\text{SP of item P} = 100 \times \frac{140}{100} = ₹ 140$$

$$\text{SP of item Q} = 140 \times \frac{80}{100} = ₹ 112$$

$$\text{Total SP} = 140 + 112 = ₹ 252$$

$$\text{Total CP} = 100 + 100 = ₹ 200$$

$$\therefore \text{Total profit} = 252 - 200 = ₹ 52$$

$$\therefore 52 \text{ unit} \rightarrow ₹ 260$$

$$\therefore 100 \text{ unit} \rightarrow \frac{260}{52} \times 100 = ₹ 500$$

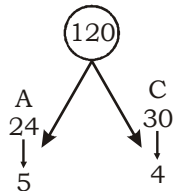
58. (5) Total present age of Ram and Shyam
 $= 26 \times 2 + 4 = 56$ years
 Present age of Ram $= 40 - 5 = 35$ years,
 \therefore Present age of Shyam $= 56 - 35 = 21$ years,
 and present age of Mohan
 $= 21 + 5 = 26$ years
 \therefore Required difference
 $= 35 - 26 = 9$ years
59. (4) A can do a work in 24 days.

$$\text{B can do a work in } \frac{24}{120} \times 100$$

$$= 20 \text{ days}$$

$$\text{C can do a work in } (20 + 10) \text{ days}$$

$$= 30 \text{ days}$$



$$\therefore \text{Required no. of days} = \frac{120}{9} \text{ days}$$

$$= \frac{40}{3} \text{ days} = 13\frac{1}{3} \text{ days}$$

60. (1) Downstream speed : Speed of stream
 $= 9 : 1$
 Now,
 1 unit $\rightarrow 3$ km/hr
 $\therefore 9$ unit $\rightarrow 9 \times 3 = 27$ km/hr
 \therefore Upstream speed
 $= 27 - 3 - 3 = 21$ km/hr
 \therefore Distance covered in upstream in 5 hours
 $= 21 \times 5 = 105$ km.

(61-65):

61. (4) Data given in both statements together is not sufficient to answer the question. As by these data we find two numbers

48 and 84, but we cannot find the exact number.

62. (5) Both statements are required to answer the question.

From statement I : we can say that one digit should be '0'. As 20, 30, 40, 50,

63. (4) Data in both statements together is not sufficient for answer the question.

64. (4) Sumit's salary = 50% of Manish

$$= \frac{\text{Manish}}{2}$$

$$\text{Amit's salary} = \frac{2}{5} \text{ Manish}$$

$$\text{Sumit} = \frac{\text{Manish}}{2}, \text{ Amit} = \frac{2}{5} \text{ Manish}$$

$$\therefore \text{Sumit} = \frac{\text{Manish}}{2}, \text{ Amit} = \frac{2}{5} \text{ Manish}$$

Let $x\%$ of Sumit's Salary is Amit's salary

$$\therefore \frac{x}{100} \times \text{Sumit} = \text{Amit}$$

$$\therefore x = \frac{100 \times \text{Amit}}{\text{Sumit}}$$

$$= \frac{100 \times \frac{2 \times \text{Manish}}{5}}{\frac{\text{Manish}}{2}} = \frac{200 \times \text{Manish}}{5} \times \frac{2}{\text{Manish}}$$

$$= 80\%$$

65. (2) Statement II alone is sufficient.

$$W = \frac{80}{100} \times B = \frac{4}{5} B$$

$$\therefore \frac{B}{W} = \frac{5}{4}$$

(66 - 70):

66. (5) I. $4x^2 + 4x - 3 = 0$
 $\Rightarrow 4x^2 + 6x - 2x - 3 = 0$
 $\Rightarrow 2x(2x + 3) - 1(2x + 3) = 0$

$$\Rightarrow x = \frac{1}{2}, \frac{-3}{2}$$

- II. $4y^2 + 12y + 5 = 0$
 $\Rightarrow 4y^2 + 2y + 10y + 5 = 0$
 $\Rightarrow 2y(2y + 1) + 5(2y + 1) = 0$

$$\Rightarrow y = \frac{-5}{2}, \frac{-1}{2}$$

67. (3) I. $4x^2 = 49$

$$\Rightarrow x^2 = \frac{49}{4}$$

$$\Rightarrow x = +\frac{7}{2}, -\frac{7}{2}$$

II. $9y^2 - 66y + 121 = 0$
 $\Rightarrow 9y^2 - 33y - 33y + 121 = 0$
 $\Rightarrow 3y(3y - 11) - 11(3y - 11) = 0$
 $\Rightarrow y = \frac{11}{3}, \frac{11}{3}$
 Clearly, $x < y$

68. (4) I. $x^2 + 9x + 14 = 0$
 $\Rightarrow x^2 + 7x + 2x + 14 = 0$
 $\Rightarrow x(x + 7) + 2(x + 7) = 0$
 $\Rightarrow x = -2, -7$
 II. $y^2 + y = 2$
 $\Rightarrow y^2 + y - 2 = 0$
 $\Rightarrow y^2 + 2y - y - 2 = 0$
 $\Rightarrow y(y + 2) - 1(y + 2) = 0$
 $\Rightarrow y = -2, 1$
 Clearly, $x \leq y$

69. (3) I. $9x^2 + 5 = 18x$
 $\Rightarrow 9x^2 - 18x + 5 = 0$
 $\Rightarrow 9x^2 - 3x - 15x + 5 = 0$
 $\Rightarrow 3x(3x - 1) - 5(3x - 1) = 0$
 $\Rightarrow x = \frac{1}{3}, \frac{5}{3}$

II. $2y^2 - 9y + 10 = 0$
 $\Rightarrow 2y^2 - 4y - 5y + 10 = 0$
 $\Rightarrow 2y(y - 2) - 5(y - 2) = 0$
 $\Rightarrow y = \frac{5}{2}, 2$
 Clearly, $x < y$

70. (5) I. $2x^2 + 7x + 6 = 0$
 $\Rightarrow 2x^2 + 4x + 3x + 6 = 0$
 $\Rightarrow 2x(x + 2) + 3(x + 2) = 0$
 $\Rightarrow x = -2, -\frac{3}{2}$
 II. $2y^2 + 7y + 5 = 0$
 $\Rightarrow 2y^2 + 2y + 5y + 5 = 0$
 $\Rightarrow 2y(y + 1) + 5(y + 1) = 0$
 $\Rightarrow y = -\frac{5}{2}, -1$

$\Rightarrow \frac{21}{5} \times \frac{10}{3} + ? = 24$
 $\Rightarrow 7 \times 2 + ? = 24$
 $\Rightarrow ? = 24 - 14 = 10$

VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Untimely	(of an event or act) happening or done at an unsuitable time	असामयिक, बेवक्त
Stunned	knock unconscious or into a dazed or semiconscious state	भौंचक्का, अवाक
Conquer	overcome and take control of (a place or people) by use of military force	जीतना, पराजित करना
Havoc	lay waste to; devastate	नाश, तबाही
Cajoling	persuade someone to do something by sustained coaxing or flattery	झूठ बोलना, चापलूसी
Indulged	allow oneself to enjoy the pleasure of	आनंद लूटना
Precisely	in exact terms; without vagueness	निश्चित रूप से
Visualise	form a mental image of; imagine	कल्पना
Consumption	the using up of a resource	सेवन, उपभोग
Vogue	the prevailing fashion or style at a particular time	प्रचलन
Pertaining	be appropriate, related, or applicable	संबंध रखना
Cumulative	increasing or increased in quantity, degree, or force by successive additions	संचयी
Inflation	the action of inflating something or the condition of being inflated	मुद्रास्फीति
Curtail	reduce in extent or quantity; impose a restriction on	कटौती

KD
Campus

KD Campus

2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

IBPS PO (PHASE-I) - MOCK TEST - 203 (ANSWER KEY)

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

Note:- If you face any problem regarding result or marks scored, please contact 9313111777

Note:- Whatapp with Mock Test No. and Question No. at 7053606571 for any of te doubts. Join the group and you may also share your suggestions and experience of sunday Mock Test.

Note:- If your opinion differs regarding any answer, please message the mock test and question number to 8860330003