

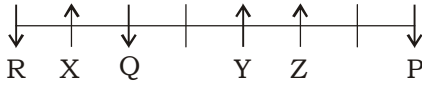
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2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

IBPS PO PHASE - I MOCK TEST - 178 (SOLUTION)

Reasoning

(1-6) :



1. (1) 2. (5) 3. (4)
4. (5) 5. (3) 6. (4)

(7-10) :

- Sweet : Zo
Cake : Pit
is : ch
all : ha
are : sit
far : jo
too : Fa
not : na
for : sa
he : la
7. (1) 8. (3) 9. (2)
10. (2)

(11-15) :

Person	Place	Month	Transportation
Q	Chamba	Jan / June	Bus
Y	Badrinath	December	Rail
W	Ooty	March	Flight
X	Ranikhet	Jan/Aug/ May/June	Car
F	Manali	Jan/Aug/ May/June	Rail
M	Almora	Jan/Aug/ May/June	Bus

11. (4) 12. (3) 13. (4)
14. (1) 15. (2)

(16-17) :



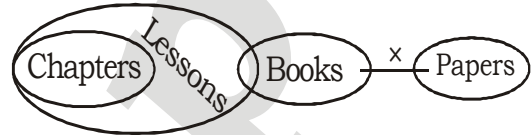
16. (5) I. False II. False
 III. False
 None of these
17. (3) I. True II. False
 III. True
 Only I and III follow.

18. (3)



- I. True II. True
III. True
All I, II and III follow.

19. (1)



- I. False II. True
III. False
Only II follows.

20. (5)

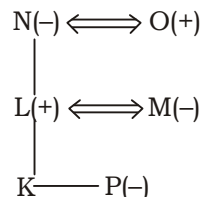
O	R	T	H	O	P	E	D	I	C
15	18	20	8	15	16	5	4	9	3

(21-25) :

Floor	Person	Fruits
7	Vishnu	Banana
6	Akash	Mango
5	Sunil	Apple
4	Raghav	Grapes
3	Vivek	Guava
2	Shiva	Orange
1	Vishesh	Papaya

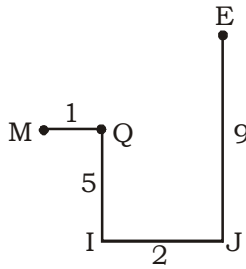
21. (3) 22. (1) 23. (3)
24. (5) 25. (2)

(26-29) :



26. (3) 27. (4) 28. (5)
29. (2)

(30-31) :



30. (5) 3 km
31. (4)

32. (1) From I - A C B E D

33. (1) From I : Distance b/w A and B in house = $(4 \times 6) \times 3$ km = 30 km
From II : We conclude that it A's speed is x km/hr, then B's speed = $\left(\frac{3}{2}x\right)$ km/hr.
But the actual speed of of time of them can not be ascertained.

34. (5) 35. (3)

Maths

36. (2) Rate = $\frac{25450 \times 12}{250 \times 8} = 152.40$ Rs/kg
37. (1) Laddu rate = $\frac{25450 \times 16}{250 \times 20} = 81.44$ Rs./kg
So, Required answer = $25450 + 81.44 \times 10 =$ Rs. 26264.4
38. (4) Rate of Milkcake = $\frac{25450 \times 2}{250 \times 2} = 101.8$ /kg
Rate of Rasgulla = $\frac{25450 \times 25}{250 \times 36} \approx 70.70$ /kg
Required answer = $\frac{70.70 \times 100}{101.8} = 69.45\%$
39. (5) Required money to be paid
= $4 \times \frac{25450 \times 17}{250 \times 10} + 3 \times \frac{25450 \times 28}{250 \times 24}$
= $4 \times 173.06 + 356.30 = 1048.54$
= $692.24 + 356.30 = 1048.54$
40. (3) Rate of Kalakand = $\frac{25450 \times 17}{250 \times 8} = \frac{4326.5}{25}$
= 173.06 Rs/kg
Rate of Rasgulla = $\frac{6362.5}{90} = 70.69$ Rs/kg

$$\text{Rate of Barfi} = \frac{25450 \times 12}{250 \times 8} = 152.70 \text{ Rs/kg}$$

Similarly on solving remaining sweets rate we can find costliest sweet is Kalakand.

41. (4) 6% of 245 - 40% of 10 = 10 - ?
 $\Rightarrow \frac{6}{100} \times 245 - \frac{40}{100} \times 10 = 10 - ?$
 $\Rightarrow 88.2 - 4 = 10 - ?$
 $\Rightarrow ? = -74.2$
42. (2) $8743 + 486 \div 18 \times 148 = ?$
 $\Rightarrow ? = 8743 + 27 \times 148$
 $\Rightarrow = 8743 + 3996 = 12739$
43. (5) $6348 + 8515 - 695 - ? = 4312 + 2162$
 $\Rightarrow 14168 - ? = 6474$
 $\Rightarrow ? = 14168 - 6474 = 7694$
44. (3) $18.6 \times 3 + 7.2 - 16.5 = ? + 21.7$
 $\Rightarrow ? = 55.8 + 7.2 - 38.2 = 24.8$
45. (5) 56% of 225 + 20% of 150 = ? - 109
 $\Rightarrow ? = 126 + 30 + 109 = 265$
46. (2) Let speed of train = S km/hr

$$(S - 6) \times \frac{5}{18} = \frac{75}{15} \times 2$$

$$S - 6 = 36$$

$$S = 42 \text{ km/hr}$$

Let speed of the second person = x km/hr

$$\therefore (42 - x) \frac{5}{18} = \frac{75}{27} \times 4$$

$$42 - x = 40$$

$$x = 2 \text{ km/hr}$$

47. (4) Let required days are x

Then,

$$9 \times 7 \times 15 = 6 \times 9 \times x$$

$$\Rightarrow x = \frac{35}{2} \text{ days}$$

48. (2) 1 minute work of (A + B)both = $\left(\frac{1}{24} + \frac{1}{32}\right)$

$$= \frac{4+3}{8 \times 12} = \frac{7}{96} \text{ minutes}$$

i.e. tank will full in $\frac{96}{7}$ minutes

Let B is closed after x minutes

$$\therefore \text{rest work} = \left(1 - \frac{7x}{96}\right) \text{ done by A}$$

$$A \rightarrow 24 \text{ minutes} \rightarrow 1$$

$$\therefore \left(1 - \frac{7x}{96}\right) \rightarrow 24 \left(1 - \frac{7x}{96}\right)$$

$$\therefore 24 \left(1 - \frac{7x}{96}\right) = (18 - x)$$

$$\Rightarrow 24 - \frac{7x}{4} = 18 - x$$

$$\Rightarrow 6 = \frac{3x}{4}$$

$$\Rightarrow x = 8 \text{ minutes}$$

49. (3) Required time to empty the full tank

$$= = \frac{1}{12} - \frac{1}{15} = \frac{5-4}{60} = \frac{1}{60} = 60 \text{ hr}$$

Required time to empty the half full tank = 30 hr

i.e. 30 hr will be required

50. (3) Required probability

$$= \frac{{}^7C_2}{{}^{12}C_2} = \frac{7!}{2!10!} = \frac{5!2!}{12!} = \frac{21}{60} = \frac{7}{22}$$

51. (1) $4.5 = 7 \times 0.5 + 1$

$$\Rightarrow 5.5 = 4.5 \times 1 + 1$$

$$\Rightarrow 12 = 5.5 \times 2 + 1$$

$$\Rightarrow 49 = 12 \times 4 + 1$$

$$\Rightarrow ? = 49 \times 8 + 1,$$

$$\Rightarrow ? = \mathbf{393}$$

52. (2) $1.3 \times 2 + 2 = 4.6$

$$\Rightarrow 4.6 \times 3 + 3 = 16.8$$

$$\Rightarrow 16.8 \times 4 + 4 = 71.2$$

$$\Rightarrow 71.2 \times 5 + 5 = \mathbf{361}$$

53. (1) $11 \times 3 = 33$

$$\Rightarrow 33 \times 5 = 165$$

$$\Rightarrow 165 \times 7 = 1155$$

$$\Rightarrow 1155 \times 9 = \mathbf{10395}$$

54. (2)

55. (5)

(56-60):

A	20
B	18
C	12
D	15
E	10

56. (2) A and B worked on 12 days alternatively

$$\Rightarrow \frac{6}{20} + \frac{6}{18} = \frac{19}{30}$$

$$\text{C and D worked for } n \text{ days} = n \left(\frac{1}{12} + \frac{1}{15} \right)$$

$$= \frac{3n}{20}$$

$$\text{Remaining work is} = 1 - \frac{19}{30} - \frac{3n}{20} = \frac{1}{15}$$

$$\Rightarrow n = 2 \text{ days}$$

$$57. (1) \text{ Job done by E for 6 days} = \frac{6}{10} = \frac{3}{5}$$

$$\text{Remaining work is } \frac{2}{5}$$

A, C, D worked on alternative days i.e. for 3

$$\text{days worked done by them} = \frac{1}{20} + \frac{1}{12} + \frac{1}{15} = \frac{1}{5}$$

$$\text{For 6 days } 2 \times \frac{1}{5} = \frac{2}{5} \text{ work is done.}$$

Hence A, C, D worked for 6 days, and E worked for 6 days

A and C worked for 4 days

So A, C, E worked for = 4 + 6 = 10 days

58. (1) Let total work = 1 unit

$$\text{Work done by A, C in 2 days} = \frac{2}{20} + \frac{2}{12} = \frac{4}{15}$$

$$\text{Work done by B in 3 days} = \frac{3}{18} = \frac{1}{6}$$

$$\text{Remaining work} = 1 - \left(\frac{4}{15}\right) - \left(\frac{1}{6}\right) = \frac{17}{30}$$

Given E and D worked for 3K and 4K days respectively to finish the remaining work, therefore,

$$\text{Work done by E and D} = \frac{3k}{10} + \frac{4k}{15} = \frac{17}{30}$$

$$\Rightarrow k = 1$$

B and E worked for = 3 + 3 = 6 days

$$59. (1) \text{ Work done By B and D} = \frac{12k}{18} + \frac{5k}{15} = 1$$

$$\Rightarrow k = 1$$

Difference is = 12k - 5k = 7 days

$$60. (1) \text{ 1 day work of C} = \frac{1}{12}$$

Hence work done in 3 days = Work done by C in 3 days + Work done by B in 3rd day

$$= \frac{4}{9} \times \frac{1}{12} \times 3 + \frac{1}{18} = \frac{1}{6}$$

Hence no. of days to complete job = $3 \times 6 = 18$

61. (4) $72 - 250 \div 25 = 2 \times ?$
 $\Rightarrow 72 - 10 = 2 \times ?$
 $\Rightarrow 62 = 2 \times ?$
 $\Rightarrow ? = 31$
62. (5) $324.995 \times 15.98 \div 4.002 + 36.88 = ?$
 $? \approx 325 \times 16 \div 4 + 37$
 $? \approx 325 \times 4 + 37$
 $? \approx 1300 + 37 = 1337 \approx 1340$
63. (4) $16999.999 \div 80.002 \times 19.321 = ? \times 28.769$
 $17000 \div 80 \times 20 = ? \times 30$
 $\frac{17000}{80} \times 20 = ? \times 30$
 $\frac{17000}{4} = ? \times 30$
 $4250 = ? \times 30$
 $? = \frac{4250}{30}$
 $? = 141.67$
 $? \approx 142$
64. (3) (a) Ratio of their ages = $7X : 8X$
 (b) $X = 5$
 (c) $(7X - 4)/(8X - 4) = 5/7$
 Hence, any two of three can give the desired answer.
65. (5) From statement I,
 $(P + Q + R)/3 = 155$
 $P + Q + R = 155 \times 3 = 465$
 From statement II,
 $(R + S + T)/3 = 167$
 $R + S + T = 167 \times 3 = 501$
 $S + T = 501 - R$
 Let average = A
 $A = (P + Q + R + S + T)/5$
 From equations in statement I and II,
 $A = (465 + 501 - R)/5$
 $5A = 966 - R$ (1)
 From statement III,
 $R = 2 + A$
 Replacing R in equation 1, we get
 $5A = 966 - 2 - A$
 From here A can be calculated
 All three statements are required
66. (4) From statements I and II:
 Let length and breadth be $4x$ and $3x$ respectively,
 $4x = 36$
 $x = 9$ m
 Length = $4x = 36$ m

Breadth = $3x = 27$ m

Area of hall = length \times breadth
 $= 36 \times 27$

Cost of flooring = $1150 \times 36 \times 27$

From statements II and III:

Length = 36 m

Perimeter = $2(l + b)$

$2(l + b) = 126$

$l + b = 63$

$36 + b = 63$

$b = 27$

Cost of flooring = $1150 \times 36 \times 27$

From statements I and III:

$l = 4x$

$b = 3x$

Perimeter = $2(l + b)$

$= 2(4x + 3x)$

$= 14x$

$14x = 126$

$x = 9$

$l = 4x = 36$ m

$b = 3x = 27$ m

Cost of flooring = $1150 \times 36 \times 27$

Hence, any of the two statements are sufficient to answer this question

67. (5) Amount invested by shyam = 5000

Ram = 20000×6

Shyam = 12×5000

Ratio of their earnings

Ram : Shayam = $120 : 60 = 2 : 1$

Hence, $2 = 6000$

Therefore total profit is $\frac{3}{2} \times 6000 = 9000$

68. (1) Let the speed of the stream x kmph
 So, speed of downstream = $(10 + x)$ km/hr
 Speed of upstream = $(10 - x)$ km/hr
 So, $\frac{36}{(10 - x)} - \frac{36}{(10 + x)} = \frac{90}{60}$
 $\Rightarrow 72x \times 60 = 90(100 - x^2)$
 $\Rightarrow x^2 + 48x - 100 = 0$
 $\Rightarrow (x + 50)(x - 2) = 0$
 $\Rightarrow x = 2$ km/hr
69. (3) Let the marketed be x
 Discounted price = $0.6x$
 Profit at Discounted price = 20%
 Cost price = $\frac{0.6x}{1.2} = 0.5x$
 If 45% discount is offered

Then Discounted Price = $0.55x$ and Cost Price = $0.5x$

$$\text{Profit} = \frac{(0.05x)}{0.5x \times 100} = 10\%$$

70. (5) Let the mother's present age be x years.

Then the person's present age = $\frac{2x}{5}$ yrs

$$\frac{2x}{5+8} = \frac{1}{2(x+8)}$$

$$x = 40$$

ENGLISH LANGUAGE

71. (2) "India, Israel and the US are today the three leading targets of terror in the world and will remain so in the foreseeable future."

75. (1) "Witness the remarkable turnaround post 9/11, in the American stand on the so-called 'freedom struggle' being waged against India in Kashmir."

76. (3) "A close bond with Israel must necessarily come at the expense of the larger Muslim world."

77. (5) "Misguided reluctance on the part of India's leadership to do business with the Zionist state."

(91-95) : BCFDAE

91. (3) 92. (5) 93. (2)

94. (2) 95. (1)

96. (3) Replace 'apart at' by 'apart from'.

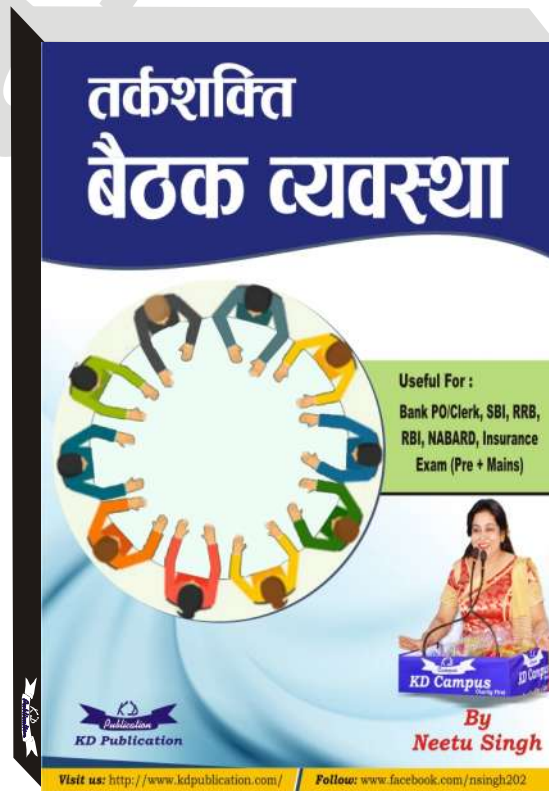
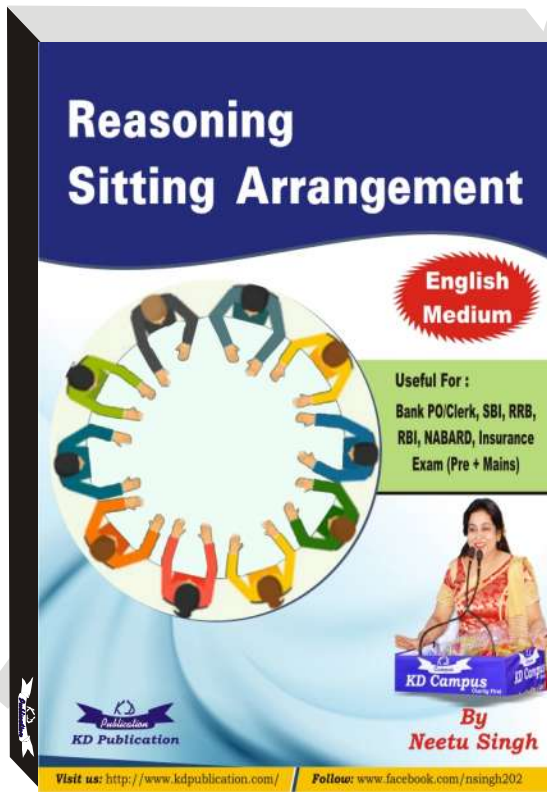
97. (3) Replace 'intend' by 'intends'.

98. (4) Replace 'staying' by 'stayed'.

99. (2) Remove 'by' before 'gifted'.

100. (2) Replace 'swung' by 'swinging in'.

For all Bank PO/ Clerk Exams



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VOCABULARIES

Words	Meaning in English	Meaning in Hindi
Deflect	Prevent the occurrence of, obviate	हटाना, मुड़ना
Flee	Run away quickly	फरार होना, छोड़ना
Mischievous	Deliberately causing harm	नुकसान पहुंचाने वाला
Elaborate	Make more complex, intricate	जटिल बनाना, उलझाना
Nebulous	Lacking definite limits	अस्पष्ट
Vaguely	Not clearly expressed	अस्पष्ट
Morphed	Cause to change shape in a computer animation	रूप बदलना, आकार बदलना
Spurious	Plausible but false	मिथ्या, अवैध
Wrongheaded	Ideas based on false judgement	दुराग्रही
Absurd	meaningless	निरर्थक/बेतुका
Parody	A composition that imitates somebody	नकल करना,
Ridiculous	Inspiring scornful pity, irrelevant	मुखर्तापूर्ण
Parodists	Mimics literary musical style for comic effect	पैरोडीकार
Precedent	An example that is used to justify similar occurrences at a later time	उदाहरण, मिसाल
Renaissance	The revival of learning and culture	पुनर्जागरण, नवयुग
Iridescent	Full of colour	चमकदार
Jeopardize	Put at risk, endanger	जोखिम में डालना
Irreversible	Incapable of being reversed	अपरिवर्तनीय
Impertinent	Improperly forward	असंगत, गुस्ताख, धुष्ट

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IBPS PO PHASE -I MOCK TEST - 178 (ANSWER KEY)

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

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