IBPS CLERK PHASE -I MOCK TEST - 170 (SOLUTION)

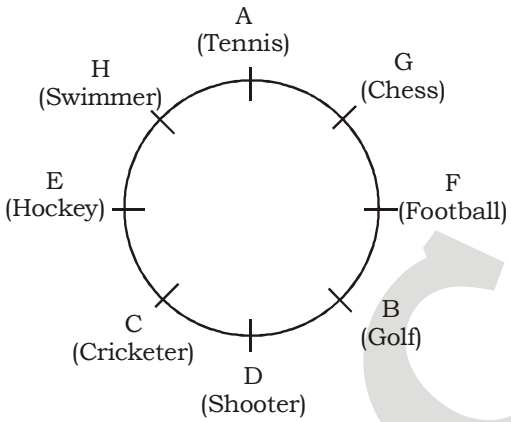
REASONING

(1-5) :

Months	Friends	Cold-Drink
January	Q	Slice
February	G	Sprite
March	K	Maaza
June	L	Dew
August	J	Pepsi
October	N	Coca-Cola
December	M	Frooti

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

(6–10) :



6. (3) 7. (4)
8. (2) Golfer B and Swimmer H sit opposite to each other.
9. (2)
10. (3) B and F, when counted clockwise.

(11-15):

11. (2) 9 6, 4 4
12. (3) 6
13. (2) 2
14. (4) 9
15. (5) Six- 45, 97, 15, 13, 13, 47

(16-20):

16. (2) I. U # W → (FALSE)
II. D # W → (TRUE)
III. N © R → (TRUE)
IV. U © D → (FALSE)
Hence, only II and III are true.
17. (2) I. B © P → (FALSE)
II. P $ E → (TRUE)
III. H $ L → (FALSE)
IV. E % B → (FALSE)
Hence, only II is true.
18. (1) I. T $ Q → (TRUE)
II. J $ Q → (TRUE)
III. T # K → (FALSE)
IV. M © Q → (FALSE)
Hence, only I and II are true.
19. (3) I. M $ R → (FALSE)
II. D # P → (FALSE)
III. L © P → (TRUE)
IV. D % M → (FALSE)
Hence, only III is true.
20. (4) I. F $ D → (FALSE)
II. T $ W → (FALSE)
III. M © W → (FALSE)
IV. T $ M → (TRUE)
Hence, only IV is true.

(21-25):

21. (4) 22. (2) 23. (1)
24. (5) 25. (3)

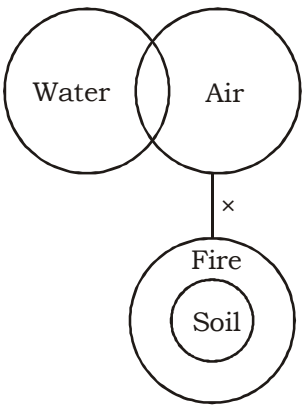
(26-28) :

D > F > C > E > A > B

26. (1) 27. (5) 28. (2)

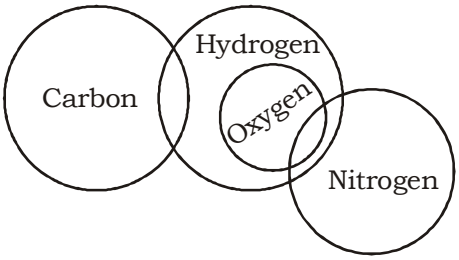
(29-33):

(29-30):



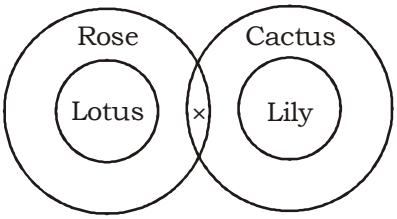
29. (3) I. False
II. False
Hence, neither conclusion I nor II follows.
30. (4) I. False
II. False
Hence, neither conclusion I nor II follows.

31. (2)



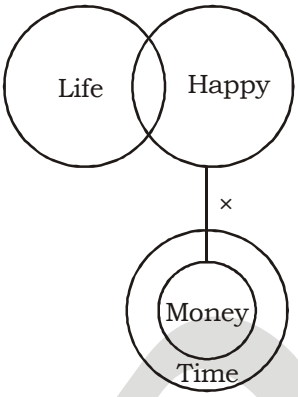
I. False
II. True
Hence, only conclusion II follows.

32. (2)



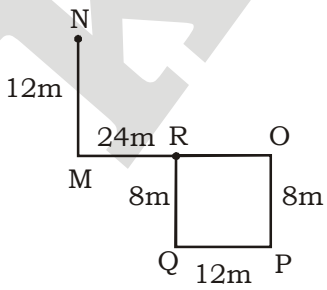
I. True
II. False
Hence, only conclusion I follows.

33. (3)



I. Doubt
II. Doubt
Hence, either conclusion I or II follows.

(34–35) :



34. (4) 35. (1)

MATHS

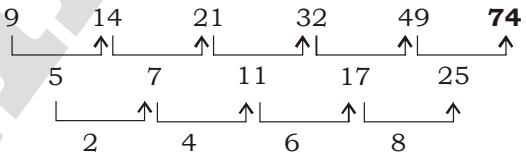
(36-40):

36. (1) The number series is:
$5 \times 1 + 1 = 6$
$6 \times 2 + 2 = 14$
$14 \times 3 + 3 = 45$
$45 \times 4 + 4 = 184$
$184 \times 5 + 5 = 925$

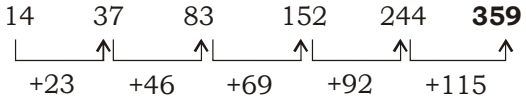
37. (2) The number series is:
$12 \times 0.5 = 6$
$6 \times 1.5 = 9$
$9 \times 2 = 18$

38.(3) The number series is:
$7 \times 1 + 1 = 8$
$8 \times 2 + 2 = 18$
$18 \times 3 + 3 = 57$
$57 \times 4 + 4 = 232$
$232 \times 5 + 5 = 1165$

39.(4) The number series is:



40.(1) The number series is:



41.(3) Let, weight of A be $3x$ kg
Then weight of B = x
And weight of C = $3x + 29$
$3x + x + 3x + 29 = 26 \times 3 = 78$
or, $7x = 49$
or, $x = 7$
$\therefore$ weight of C = $3x + 29 = 21 + 29 = 50$

42.(2) $616 = \pi r^2$

$$\text{or, } r^2 = \frac{616 \times 7}{22}$$

$= 28 \times 7 = 4 \times 7 \times 7$
$r = 14$
Diameter = 28 cm
Perimeter of semi-circle = $\pi \times 28 + 28 \times 2$

$$= \frac{22}{7} \times 28 + 56 = 144 \text{ cm}$$

43.(1) Let the income be Rs. $3x$

$$\text{then, } \frac{1}{5} \times 2x = 2400$$

or, $x = 6000$

Hence, total income = Rs. 18000

44.(3) Cost price of commodity = $4935 \times \frac{2}{3}$

= Rs. 3290

Labeled price = $3290 \times \frac{10}{7}$ = Rs. 4700

45.(1) $\frac{36}{12+x} = \frac{9}{5}$

or, $180 = 108 + 9x$

or, $9x = 72$

$\Rightarrow \quad x = 8$

46.(2) Let speed of boat be $10x$ km/hr

Then, speed of stream is $3x$ k/hr

$\frac{117}{9} = 10x + 3x$

or, $13x = 13$

or, $x = 1$

Distance travelled by boat in 2 hrs. going upstream = $2 \times (10 - 3) = 14$ km

47.(1) Let, A takes 'x' days to finish the work alone

Then,

$\frac{1}{x} + \frac{1}{x+6} = \frac{3}{40}$

or, $x = 24$

Time taken by B = 24 + 5 = 30 days

48. (2) Let, A takes x days,

Then,

$\frac{1}{x} + \frac{1}{x+24} = \frac{2}{45}$

by option,

$x = 36$

(49-58):

49.(4) $26 + 108 \times \frac{3}{4} = ?$

? = 107

50. (2) $? = \frac{37584}{348 \times 9} = 12$

51. (2) 499840 + 12096 = ?

? = 511936

52.(3) $9600 \times \frac{5}{16} \times \frac{6}{24} \times \frac{27}{6} = ?$

? = 3375

53.(2) $\frac{2125}{85} = \sqrt{?}$

? = 625

54. (5) $\frac{26}{24} \times 408 + \frac{25}{46} \times \frac{1}{100} \times 41400 = ?$

? = 442 + 225 = 667

55.(5) 636.66 + 366.36 + 363.33 = 1366.99

56.(3) 3251 + 6205 + 1109 = 10565

57.(4) $\frac{?}{26} \times \frac{65}{1105}$

$? = \frac{1105 \times 26}{65} = 442$

58.(2) $32.4 \times 11.5 \times 8.5$

$= 372.6 \times 8.5$

$= 3167.1$

59.(4) Let A's capital = $3x$

B's capital = $5x$

Ratio of their profit = $(4 \times 3x) : (T \times 5x)$

$\therefore \frac{12x}{5Tx} = \frac{4}{5}$

3 = T

$\therefore$ Required time = 3 months

60.(4) Let no. of students in class A, B and C be x, y and z

$\therefore$ A = 83x

B = 76y

C = 85z

Now, A + B = 79x + 79y

B + C = 81(y + z) = 81y + 81z

83z + 76y = 79x + 79y

$\therefore$ 4x = 3y

$\frac{x}{y} = \frac{3}{4}$

And, 76y + 85z = 81y + 81z

5y = 4z

$\frac{y}{z} = \frac{4}{5}$

$\therefore$ x : y : z = 3 : 4 : 5

$\therefore$ Required average

$= \frac{83 \times 3 + 76 \times 4 + 85 \times 5}{12}$

$\frac{249 + 304 + 425}{12} = \frac{978}{12} = 81.5$

61.(1) Let Required money = x

$\therefore \frac{x \times 8 \times 4}{100} + \frac{x \times 6 \times 10}{100} + \frac{x \times 5 \times 12}{100}$

$= 12160$

$\frac{x}{100}(32 + 60 + 60) = 12160$

$x = \frac{12160 \times 100}{152} = \text{Rs. } 8000$

62.(b) Let speed of train = S km/hr

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

$S - 6 = 36$

$S = 42$ Km/hr

Let speed of the second person = x km/hr

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

$42 - x = 40$

$x = 2$ km/hr

63.(3) Area of four walls = $2(l + b)h$

$= 2(24) \times 4 = 192$

Cost = $192 \times 8.40 = 1612.8$

64.(1) $P = \frac{SI \times 100}{T \times R} = \frac{1200 \times 100}{4 \times 8} = \text{Rs. } 3750$

New principal = $3 \times 3750 = \text{Rs. } 11250$

$\therefore \text{S.I.} = \frac{P \times R \times T}{100} = \frac{11250 \times 3 \times 6}{100}$

= Rs. 2,025

65.(5) P + 2Q + R = 59

3P + Q + R = 68

P + 3Q + 3R = 108

Solving the equation,

P = 12 years, Q = 15 years, R = 17 years.

Sum of their ages = 44 years

66. (1) Required number = (472 + 390 + 424) – (321 + 296) = 1286 – 617 = 669

67. (1) No. of taps sold by machine B and E in May = 180 + 320 = 500

No. of taps sold by machine A and E in Aug. = 323 + 297 = 620

Requied % = × 100 =

68.(2) No. of taps sold by machine C in May, June and July = 191 + 297 + 281 = 769

No. of taps sold by machine D in August, September and October = 361 + 371 + 397 = 1129

Difference = 360

69.(4) Total no. of taps manufactured by machine B = 215 + 330 + 490 + 370 + 472 + 500 = 2377

Total no. of taps manufactured in September = 417 + 472 + 371 + 390 + 424 = 2074

Required difference= 2377 – 2074 = 303

70.(1) No. of taps manufactured by A and D in June = 441 + 481 = 922

No. of taps sold by A and D in October = 371 + 397 = 768

Ratio = 922 : 768 = 461 : 384

ENGLISH LANGUAGE

71. (5) Refer the second-last sentence of the second paragraph.

72. (1) Refer "..... what we should do when robots do arrive

73. (4) The inventor thought the imaginary death rays to have been existing already.

74. (2) Refer the opening sentences of the third paragraph.

75. (5) These heroes would not have achieved their feat without their robot companions.

96. (3) Replace'appreciating'with'appreciated'. (The verb coming after 'and' or 'but' takes the same form as its counterpart before 'and' or 'but' (admired)

97. (1) Replace 'had' with 'would have' as the sentence is past conditional (if)-

98. (1) Place'not only'after'the judges'. (Position of not only-but also)

99. (3) Replace 'indefinite' with 'indefinitely' as it is qualifying a verb.

VOCABULARIES

Words	Meaning in English	Meaning in Hindi
Speculation	The forming of a theory or conjecture without firm evidence	परिकल्पना
Extensive	Covering or affecting a large area.	व्यापक
Vivid	Clear images in the mind.	सुस्पष्ट
Obscure	Not discovered or known about; uncertain.	अस्पष्ट
Paraphernalia	Miscellaneous articles, especially the equipment activity. needed for a particular.	सामग्री
Misleading	Giving the wrong idea or impression.	भ्रामक
Province	A principal administrative division of certain countries or empires.	प्रांत
Elaborate	Involving many carefully arranged parts or details; detailed and complicated in design and planning.	विस्तृत
Prototypical	Connected with the first design of something from which other forms are copied or developed	मूल प्ररूप संबंधी
Candid	Truthful and straightforward; frank.	खरा
Abated	Become less intense	कम करना
Trivialised	Make (something) seem less important, significant, or complex than it really is.	महत्वहीन बनाना
Mitigate	Make less severe, serious, or painful	कम करना
Acquitted	Free (someone) from a criminal charge by a verdict of not guilty.	बरी करना

IBPS CLERK PHASE -I MOCK TEST - 170 (ANSWER KEY)

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

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