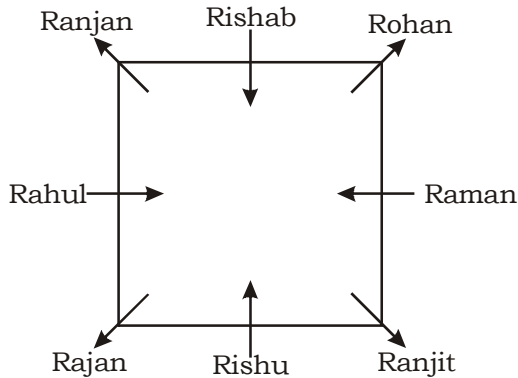# IBPS CLERK PHASE - I - 122 (SOLUTION)

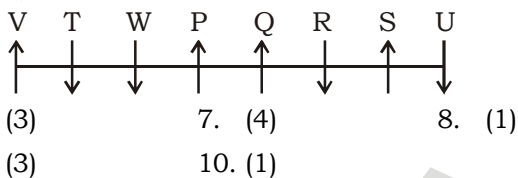## REASONING

(1–5) :

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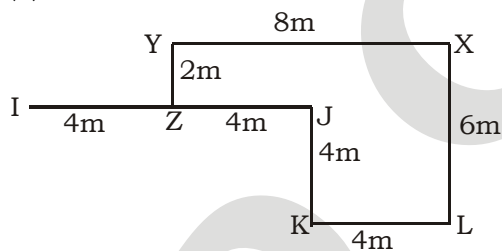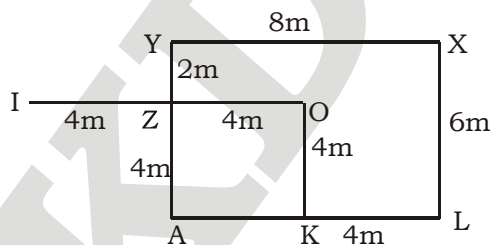4. (2) 5. (5)

(6 - 10) :

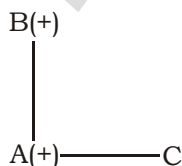6. (3) 7. (4) 8. (1)
9. (3) 10. (1)

(11-12) :

11. (1)

12. (2)

(13-15) :

13. (4)

14. (1)
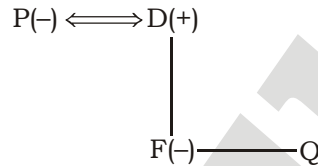
15. (2)
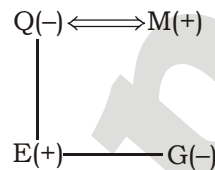
(16-20) :

Days	City	Person	Wife
Monday	Hyderabad	E	M
Tuesday	Mumbai	F	O
Wednesday	Pune	I	Y
Thursday	Kolkata	G	N
Friday	Banglore	K	Z
Saturday	Chandigarh	H	X
Sunday	Kota	L	U

16. (5) 17. (2) 18. (3)
19. (1) 20. (4)

(21-25) :

21. (4)
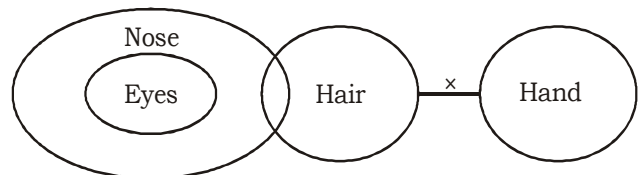
I. → False   II. → False
III. → True   IV. → False
Only III follows

22. (1)

I. → True   II. → False
III. → False   IV. → False
Only I follows

23. (2)

    I. → True   II. → False

    III. → True   IV. → False

    I and III follow

24. (1)

    I. → False   II. → False

    III. → False   IV. → False

    None follows

25. (4)

    I. → Doubt   II. → Doubt

    III. → False   IV. → False

    Only either I or II follows

(26 - 30) :

26. (4) Combining all these statements,
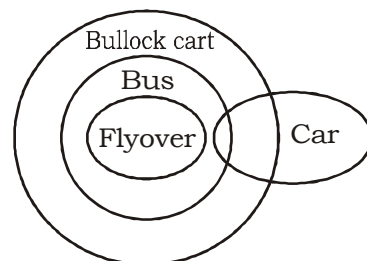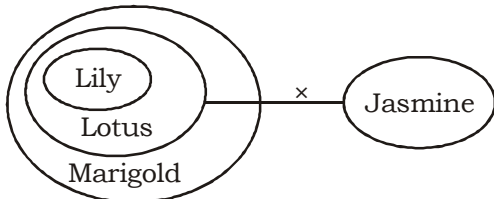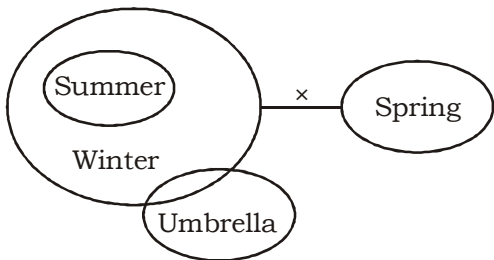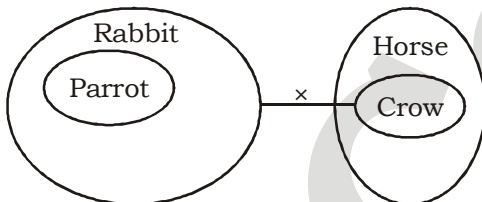
    $I \geq J > K > M < N > O$

    I. $M \geq O \to$ False

    II. $O = M \to$ False

    Neither conclusion I nor II follows

27. (2) Combining all these statements,

    $P > R > S > X < Y$

    I. $Y > P \to$ False

    II. $R > X \to$ True

    Only Conclusion II follows

28. (4) Combining all these statements,

    $D \geq E \leq F = H \leq G$

    I. $D \geq F \to$ False

    II. $G > E \to$ False

    Neither conclusion I nor II follows

29. (1) Combining all these statements,

    $A > B = R \geq S < O \leq M$

    I. $A > S \to$ True

    II. $M > R \to$ False

    Only conclusion II follows

30. (5) Combining all these statements,

    $B < F \leq G > Y > E$

    I. $B < G \to$ True

    II. $E < G \to$ True

    Both conclusions I and II follow

(31-35) :

India beats China → ra ja sa ..... (i)

China beats Russia → sa ja ga ..... (ii)

Russia beats no any team → ga na pa ta ja ..... (iii)

team performance → pa ma ..... (iv)

From (i), (ii) and (iii),

beats → ja .... (v)

From (i), (v) and (ii),

China → sa ..... (vi)

From (v), (i) and (vi)

India → ra ..... (vii)

From (ii), (v) and (iii),

Russia → ga ....(viii)

From (iii) and (iv),

team → pa ....(ix)

From (iv) and (ix),

Perfomance → ma ....(x)

From (iii), (viii), (ix) and (v)

no/any → na or ta

31. (3)   32. (2)   33. (1)

34. (5)   35. (5)

MATHS

(36-40) :

36. (4) $\sqrt{625.04} \times 16.95 + 136.009 \div 17 = ?$

    $\Rightarrow ? \approx \sqrt{625} \times 17 + 136 \div 17$

    $= 25 \times 17 + 9$

    $= 425 + 9 = 434 \approx 433$

37. (2) $\left(115\frac{1}{24} + 234.92\right) \times 5\frac{3}{37} = ?$

    $\Rightarrow ? \approx (115 + 235) \times 5$

    $= 350 \times 5 = 1750$

38. (3) $\sqrt[3]{65} \times 23.93 - 31.04 = ?$

$\Rightarrow ? \approx \sqrt[3]{64} \times 24 - 31$

$= 4 \times 24 - 31 = 65$

39. (5) $(15.96)^2 + 75\%$ of $285 = ?$

$\Rightarrow ? \approx (16)^2 + \dfrac{75}{100} \times 285$

$= 256 + 213.75$

$= 469.75 \approx 470$

40. (4) $7\dfrac{3}{5}\%$ of $208.787 + 24\dfrac{39}{50}\%$ of $423.547 = ?$

$\Rightarrow ? \approx \dfrac{7}{100} \times 210 + \dfrac{24}{100} \times 425$

$= 14.7 + 102$

$= 116.7 \approx 120$

(41-45) :

41. (4) $(43\%$ of $2750) - (38\%$ of $2990) = ?$

$\Rightarrow ? = \left(\dfrac{43}{100} \times 2750\right) - \left(\dfrac{38}{100} \times 2990\right)$

$= 1182.5 - 1136.2 = 46.3$

42. (3) $\left(\sqrt{5}-1\right)^2 = ? - 2\sqrt{5}$

$\Rightarrow 5 + 1 - 2\sqrt{5} = ? - 2\sqrt{5}$

$\Rightarrow 6 - 2\sqrt{5} + 2\sqrt{5} = ?$

$\Rightarrow ? = 6$

43. (2) $[25 \times (10 + 5) - 15] \div 6^2 = ?$

$\Rightarrow ? = [25 \times 15 - 15] \div 36$

$\Rightarrow 360 \div 36 = 10$

44. (2) 85% of $\dfrac{4}{7}$ of $6755 = ? + 1678$

$\Rightarrow ? + 1678 = \dfrac{85}{100} \times \dfrac{4}{7} \times 6755$

$\Rightarrow ? + 1678 = 3281$

$\Rightarrow ? = 3281 - 1678 = 1603$

45. (3) 19.5% of $524 = 50\%$ of $?$

$\Rightarrow \dfrac{19.5}{100} \times 524 = \dfrac{50}{100} \times ?$

$\Rightarrow 102.18 = \dfrac{50}{100} \times ?$

$\Rightarrow ? = \dfrac{102.18 \times 100}{50} = 204.36$

(46-50) :

46. (3) The number series is:

738 + 27 × 1 = 765

765 + 27 × 2 = 819

819 + 27 × 3 = 900

900 + 27 × 4 = 1008

1008 + 27 × 5 = 1143

1143 + 27 × 6 = **1305**

47. (3) The number series is:

17 × 0.5 + 0.5 = 9

9 × 1 + 1 = **10**

10 × 1.5 + 1.5 = 16.5

16.5 × 2 + 2 = 35

35 × 2.5 + 2.5 = 90

48. (5) The number series is :
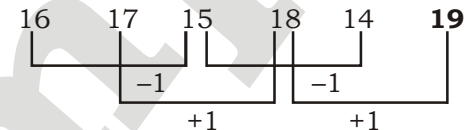
49. (2) The number series is :

2 × 3 = 6

3 × 6 = 18

6 × 18 = 108

18 × 108 = **1944**

50. (2) The number series is :

9 × 2 – 3 = 15

15 × 2 – 3 = 27

27 × 2 – 3 = 51

51 × 2 – 3 = 99

99 × 2 – 3 = **195**

51. (2) Required ratio

$= 3 \times \dfrac{120}{100} : 5 \times \dfrac{75}{100}$

$= 24 : 25$

52. (3) $10\% = \dfrac{1}{10}$

CI – SI = 21 – 20 = 1 unit

∴ 1 unit = ₹ 122

∴ 100 unit = 122 × 100

= ₹ 12,200

53. (2) Third smallest even number is 26.

∴ First smallest even number

= 26 – 2 – 2 = 22

and the second largest even member

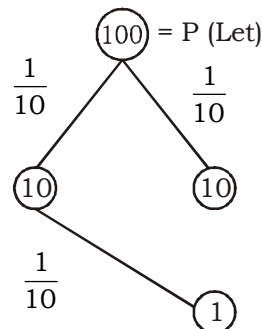= 26 + 2 = 28

∴ Required answer = 28 × 22 = 616

54. (4) Required no. of ways

= 8! = 40,320

55. (3) Speed of train

$= 48 \times \dfrac{5}{18} = \dfrac{40}{3}$ m/s

∴ Length of train

$= \dfrac{40}{3} \times 6 = 80$ m

Total length of train and plateform

$= \dfrac{40}{3} \times 36 = 480$ m

∴ Length of plateform

= 480 – 80 = 400 m

(56-60) :

56. (1) Required average

$= \left(\dfrac{35 + 20 + 35 + 55 + 65 + 55}{6} \right) \times 1000$

$= \dfrac{265000}{6}$

$= 44,166.66 \approx 44,160$

57. (3) Required%

$= \left(\dfrac{50 - 40}{50} \times 100 \right)\%$

= 20% less

58. (4) No. of employees in KD Publication in the year 2012

$= 25 \times \dfrac{110}{100} \times 1000 = 27,500$

∴ Required average

$= \dfrac{55000 + 25000 + 27500}{3}$
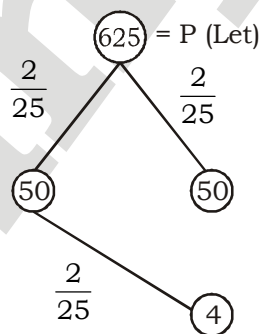
$= \dfrac{107500}{3} = 35,833.33 \approx 36,000$

59. (3) Total no. of employees in KD Campus in all the years together

= (35 + 20 + 35 + 55 + 65 + 55) × 1000

= 2,65,000

Total no. of employees in KD Meditech in all the years together

= (15 + 25 + 40 + 60 + 45 + 25) × 1000

= 2,10,000

∴ Required difference

= 265000 – 210000

= 55,000

60. (2)

61. (2) $8\% = \dfrac{8}{100} = \dfrac{2}{25}$

∴ C.I = 50 + 50 + 4 = 104 unit

Total amount = 625 + 104 = 729 unit

ATQ,

104 unit = ₹ 1414.40

∴ 729 unit $= \dfrac{1414.40}{104} \times 729$

= ₹ 9,914.40

62. (2) Let Principal = ₹ P

ATQ,

$8P = P \left[1 + \dfrac{r}{100} \right]^3$

$\Rightarrow 2 = 1 + \dfrac{r}{100}$

Now,

$16P = P \left[1 + \dfrac{r}{100} \right]^n$

$\Rightarrow 2^4 = 2^n$

$\Rightarrow n = 4$ years

63. (4) Let original price of an article is ₹ 100

After 30% discount, the SP = $100 \times \dfrac{70}{100}$

= ₹ 70

and after 20% discount on reduced price,

the SP = $70 \times \dfrac{80}{100}$ = ₹ 56

ATQ,

56 unit = ₹ 1120

∴ 100 unit = $\dfrac{1120}{56} \times 100$

= ₹ 2,000

64. (3) ATQ,

$(2.5 + 7.5)\% \rightarrow$ ₹ 100

∴ $100\% \rightarrow \dfrac{100}{10} \times 100 =$ ₹ 1,000

∴ SP to gain 12.5% profit

= $1000 \times \dfrac{112.5}{100} =$ ₹ 1,125

65. (4) Work done in one day by Suresh Karim,

Mohan and Suman are $\dfrac{1}{4}, \dfrac{1}{8}, \dfrac{1}{16}$ and $\dfrac{1}{32}$ respectively

Using options,

Mohan and Suman does $\dfrac{3}{16}$ of work in one day

While Suresh and Karim does

$\dfrac{1}{4} + \dfrac{1}{32} = \dfrac{9}{32}$ of work in one day.

Hence,

Suresh and Suman take $\dfrac{32}{9}$ days.

While, Karim and Mohan take

$\dfrac{32}{6}$ days

Hence, the first pair must be Suresh and Suman.

(66-70) :

66. (1) Total no. of Inspectors selected in all the states together

= 150 + 350 + 280 + 445 + 295 + 175 + 330

= 2,025

Total no. of POs selected in all the states together

= 2000 + 4500 + 3500 + 2500 + 4900 + 6600 + 5400 = 29,400

Required% = $\left(\dfrac{2025}{29400} \times 100 \right)\%$

= 6.88% ≈ 7%

67. (1) Total no. of Managers selected in Haryana, Bihar and Jharkhand together

= 850 + 1150 + 950 = 2950

Total no. of Inspectors selected in all the states together

= 150 + 350 + 280 + 445 + 295 + 175 + 330 = 2,025

Required ratio = 2950 : 2025 = 118 : 81

68. (4) Required% = $\left(\dfrac{8400 - 5400}{5400} \times 100 \right)\%$

= 55.55% ≈ 56%

69. (5) Total no. of students in

Delhi = 4500 + 12500 + 350 + 3500 + 900 = 21,750

Bihar = 4900 + 11500 + 295 + 1300 + 1150 = 19,145

Haryana = 3500 + 9500 + 280 + 7000 + 850 = 21,130

Jharkhand = 5400 + 8400 + 330 + 4050 + 950 = 19,130

Rajasthan = 6600 + 14900 + 175 + 8000 + 1050 = 30,275

Required answer is Rajasthan

70. (2) Total no. of Auditors

= 2500 + 3500 + 7000 + 1650 + 1300 + 8000 + 4050 = 28,000

Total no. of Clerks

= 6000 + 12500 + 9500 + 7800 + 11500 + 14900 + 8400 = 70,600

Required difference

= 706000 – 28000 = 42,600

ENGLISH LANGUAGE

(83 - 90) :

83. (2) Change 'not only stopped coming' into 'stopped not only coming'.

84. (4) Remove 'and' & 'so'.

85. (1) Article 'the' is placed before 'people'.

86. (1) Change 'an' into 'the'.

87. (3) Remove 'on'.

88. (1) Change 'have' into 'has' as subject is in singular form.

89. (1) Article 'the' is placed before 'results'.

90. (3) Change 'with' into 'for'.

VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Paused	interrupt action or speech briefly	ठहरना, विराम
Stuck	push a sharp or pointed object into or through (something)	अटका हुआ
Persistence	obstinate continuance in a course of action in spite of difficulty or opposition	हठ, दृढ़ता
Influence	the capacity to have an effect on the character, development, or behaviour of someone	प्रभाव डालना
Anticipated	regard as probable; expect or predict	प्रत्याशित
Assimilate	take in (information, ideas, or culture) and understand fully	आत्मसात करना, सम्मिलित होना
Vigilant	keeping careful watch for possible danger or difficulties	जागरूक
Hierarchical	of the nature of a hierarchy; arranged in order of rank.	श्रेणीबद्ध
Squander	waste (something, especially money or time) in a reckless and foolish manner	गंवाना
Dispersed	distribute or spread over a wide area	तितर–बितर
Slackness	inanition, laxity	ढीलापन
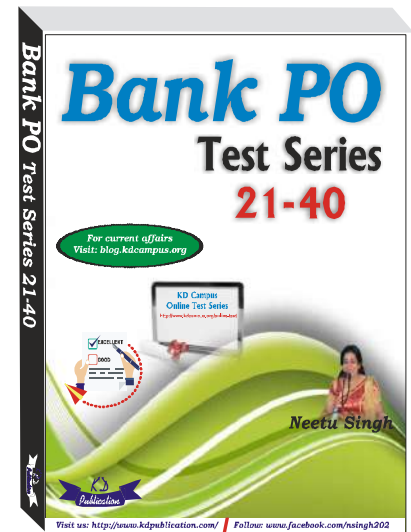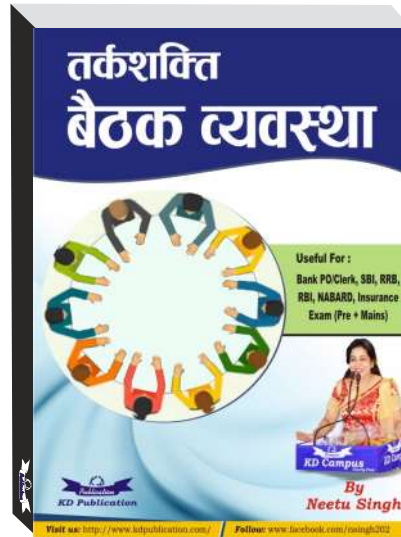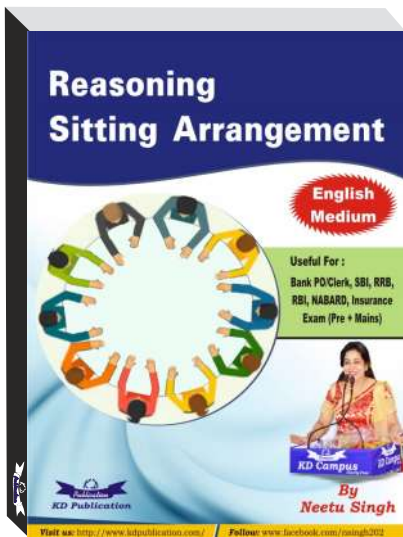
IBPS CLERK PHASE - I - 122 (ANSWER KEY)

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