IBPS CLERK PHASE-I MOCK TEST- 166 (SOLUTION)

REASONING

(1-5) :

T
R
X
Q
S
W
U
P
V

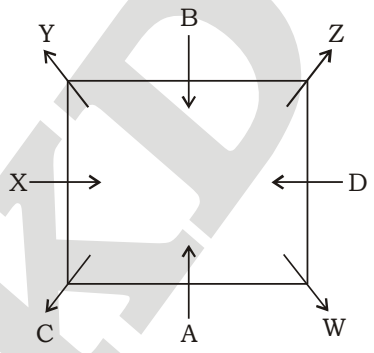
1.(5) 2.(4) 3.(5) 4.(4) 5.(5)

(6-10):

Words	Code
venue	rs
details	wi
get	fe
for	mo
guest	ra
book/ required	gt/rd
more	gk

6.(3) 7.(3) 8.(2) 9.(4) 10.(5)

(11-15):



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

16.(4) I. K < X (False)
II. W > M (False)

17.(1) I. Z < Y (True)
II. S > Q (False)

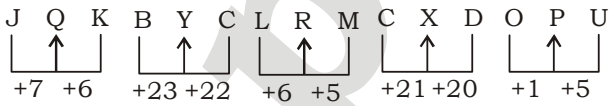
18.(3) I. K ≥ M (False)
II. P > M (False)

19.(5) I. M≥U (True)
II. G > Z (True)

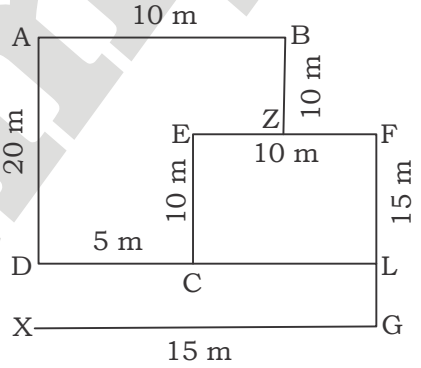
20.(1) I. J > B (True)
II. H < R (False)

21.(3)

22.(5)

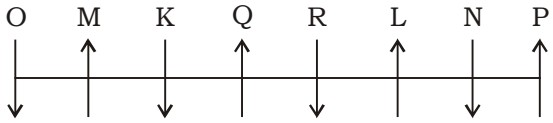


(23-25):



23.(1) 24.(3) 25.(1)

(26-30):



26.(3) 27.(3) 28.(1) 29.(1) 30.(5)

(31-35) :

Person	Items
U	Tie
G	Coat
S	Ring
H	Nail Paint
T	Shirt
E	Diary
F	Goggles

31.(3) 32.(1) 33.(3) 34.(4) 35.(2)

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MATHS

(36-40):

36. (4) Required % = $\left(\frac{120+240}{160+240}\times 100\right)\%$ = 90%

37. (1) Average number of Women working in 2014, 2015 and 2016 together

$= \frac{1}{3}$ [240 + 360 + 300] = 300

Average number of Men working in 2011, 2014 and 2016 together

$= \frac{1}{3}$ [80 + 160 + 360] = 200

Required difference = 300 – 200 = 100

38. (3) Number of Men working in 2017

$= \frac{115}{100} \times 300 = 345$

Number of Women working in 2017

$= \frac{60}{100} \times 240 = 144$

Total number of Men and Women working in 2017 = 345 + 144 = 489

39. (2) Required Ratio = $\frac{(120+180)+(240+120)}{(300+360)+(360+300)}$

$= \frac{300+360}{660+660} = \frac{660}{1320} = \frac{1}{2}$

40. Total number of Men working in all six years = 80 + 120 + 240 + 160 + 300 + 360 =1260
Total number of Women working in all six years = 260 + 180 + 120 + 240 + 360 + 300 = 1460
Required difference = 1460 –1260
= 200

(41-45):

41. (4) The number series is:

4 5.1 7.3 10.6 15 **20.5** 27.1
+1.1 +2.2 +3.3 +4.4 +5.5 +6.6

42. (1) The number series is:

2 3 8 31 154 **923** 6460
×2–1 ×3–1 ×4–1 ×5–1 ×6–1 ×7–1

43. (2) The number series is:

251 **250** 254 227 243 118 154
$(-1)^3$ $(+2)^2$ $(-3)^3$ $(+4)^2$ $(-5)^3$ $(+6)^2$

44. (4) The number series is:

141 156 147 162 153 **168** 159
+15 –9 +15 –9 +15 –9

45. (3) The number series is:

2 **5** 10 19 36 69 134
+3 +5 +9 +17 +33 +65
+2 +4 +8 +16 +32
×2 ×2 ×2 ×2

46. (2) The number series is:

0.5 **0.5** 1 4 32 512 16384
×1 ×2 ×4 ×8 ×16 ×32

47. (4) Let present age of A and B be $16x$ years and $7x$ years respectively.
ATQ,

$\frac{16x+12}{7x+12} = \frac{2}{1}$

$\Rightarrow 2x = 12$

$\Rightarrow x = 6$

Present age of A = 16 × 6 = 96 years
Present age of B = 7 × 6 = 42 years

48. (2) P = $\frac{1950\times 100}{2\times 15}$ = ₹ 6500

Rate at CI in 2 years at 10% per annum

= 10 + 10 + $\frac{10\times 10}{100}$ = 21%

ATQ,

$(6500 + x) \times \frac{21}{100} = 1680$

$\Rightarrow (6500 + x) = 8000$

x = ₹ 1500

49. (2) Total weight of students

$= 47\frac{7}{15}(15 + 30) = 2136$ kg

Total weight of boys = 15 × 58 = 870 kg

Average weight of girls = $\left(\frac{2136-870}{30}\right)$ kg

= 42.2 kg ≈ 42 kg

50. (1) Ram's cost price = M.P × $\frac{80}{100}$

Ramesh's C.P.= M.P × $\frac{80}{100} \times \frac{90}{100}$

Ranjan's C.P. = M.P × $\frac{80}{100} \times \frac{90}{100} \times \frac{120}{100}$

= ₹ 1,29,600
M.P = ₹ 1,50,000

(51-55):

Let males and females who use their coupons in Haircutting be $13x$ and $7x$ respectively.
Males who use their coupons in Pedicure = $7x$ + 72
Then Females who use their coupons in Pedicure = 450 – $13x$ – $7x$ – 7x – 72
= 378 – $27x$

Predicure	
Males	**Females**
7x + 72	378 – 27x
Haircutting	
Males	**Females**
13x	7x

ATQ,
$7x + 72 + 13x - (7x + 378 - 27x) = 174$
$40x - 306 = 174$
$40x = 480$
$x = 12$

Predicure	
Males	**Females**
156	54
Haircutting	
Males	**Females**
156	84

51. (2) Required % = $\left(\frac{156}{156}\times 100\right)\% = 100\%$

52. (2) Required Ratio = $\frac{156+54}{156+84} = \frac{210}{240} = \frac{7}{8}$

53. (3) Required difference = 84 – 54 = 30

54. (4) Number of males who use their coupons in Haircutting which doesn't belongs to city

A = $156 \times \frac{75}{100} = 117$

55. (1) Males who use their coupons in Spa

= $156 \times \frac{5}{4} = 195$

Females who use their coupons in Spa

= $84 \times \frac{11}{6} = 154$

Total number of people who use their coupon in Spa = 195 + 154 = 349

(56-61):

56. (2) I. $2x^2 + 9x + 9 = 0$
$2x^2 + 6x + 3x + 9 = 0$
$2x(x + 3) + 3(x + 3) = 0$
$x = \frac{-3}{2}, -3$

II. $15y^2 + 16y + 4 = 0$
$15y^2 + 10y + 6y + 4 = 0$
$5y(3y + 2) + 2(3y + 2) = 0$
$y = \frac{-2}{5}, \frac{-2}{3}$
$x < y$

57. (4) I. $2x^3 = 16$
$x^3 = 8$
$x = 2$

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

58. (5) I. $6x^2 - 11x + 4 = 0$
$6x^2 - 8x - 3x + 4 = 0$
$2x(3x - 4) - 1(3x - 4) = 0$
$x = \frac{1}{2}, \frac{4}{3}$

II. $3y^2 - 5y + 2 = 0$
$3y^2 - 3y - 2y + 2 = 0$
$3y(y - 1) - 2(y - 1) = 0$
$y = \frac{2}{3}, 1$

59. (3) I. $3x^2 + 11x + 10 = 0$
$3x^2 + 6x + 5x + 10 = 0$
$3x(x + 2) + 5(x + 2) = 0$
$x = -2, \frac{-5}{3}$

II. $y^2 + 11y + 14 = 0$
$2y^2 + 7y + 4y + 14 = 0$
$y(2y + 7) + 2(2y + 7) = 0$
$y = -2, -\frac{7}{2}$
$x \geq y$

60. (5) I. $12x^2 + 11x + 2 = 0$
$12x^2 + 8x + 3x + 2 = 0$
$4x(3x + 2) + 1(3x + 2) = 0$
$x = \frac{-2}{3}, \frac{-1}{4}$

II. $12y^2 + 7y + 1 = 0$
$12y^2 + 4y + 3y + 1 = 0$
$4y(3y + 1) + 1(3y + 1) = 0$
$y = \frac{-1}{3}, \frac{-1}{4}$

61. (5) I. $21x^2 + 10x + 1 = 0$
$21x^2 + 7x + 3x + 1 = 0$
$7x(3x + 1) + 1(3x + 1) = 0$
$x = \frac{-1}{3}, \frac{-1}{7}$

II. $24y^2 + 26y + 5 = 0$
$24y^2 + 20y + 6y + 5 = 0$
$4y(6y + 5) + 1(6y + 5) = 0$
$y = \frac{-5}{6}, -\frac{1}{4}$

62. (4) B can complete work alone

= $20 \times \frac{4}{5}$ = 16 days

Let C alone can complete work in x days.

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ATQ,

$$\frac{6}{16}+\frac{15}{x}=1$$

$$\Rightarrow \frac{15}{x}=\frac{10}{16}$$

$$\Rightarrow x=\frac{15\times16}{10}=24 \text{ days}$$

63. (2) Let distance between P to Q and Q to R be x and y respectively.
ATQ,

$$75=\frac{200}{\frac{x}{90}+\frac{y}{60}}$$

$$60x+90y=200\times90\times60\times\frac{1}{75}$$

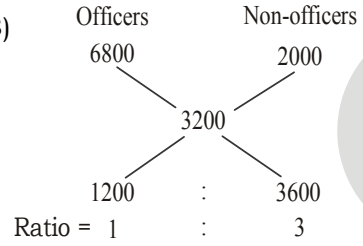
$2x + 3y = 480$
And
$x + y = 200$
$\Rightarrow x = 120$ km and $y = 80$ km

64. (5) Let wine and water are in the ratio of $5x : x$.
ATQ,

$$\frac{5x}{x+5}=\frac{5}{2} \Rightarrow 10x=5x+25$$

$x = 5$
Quantity of wine = 5 × 5 = 25 litres

65. (3)



No. of non-officers = $\frac{3}{1}\times5=15$

66. (3) Total books sold by store A

$$=3500\times\frac{20}{100}=700$$

Total plain books sold by store A

$$=2000\times\frac{20}{100}=600$$

Total lined books sold by store A
= 700 – 600 = 100
Total books sold by store B

$$=5000\times\frac{40}{100}=2000$$

Plain books sold by store B

$$=3000\times\frac{40}{100}=1200$$

Total lined books sold by store B
= 2000 – 1200 = 800

$$\text{Required\%}=\left(\frac{900}{3500}\times100\right)\%=25\frac{5}{7}\%$$

67. (1) Average of total books sold by stores B and C = $\frac{1}{2}(50\times\frac{40}{100}\times100+45\times\frac{30}{100}\times100)$
= 1675
Unsold books of store A

$$=3500\times\frac{80}{100}=2800$$

Required difference = 2800 – 1675
= 1125

68. (4) Total books sold by store C

$$=45\times100\times\frac{30}{100}=1350$$

Plain books sold by C

$$=1350\times\frac{5}{9}=750$$

Plain books sold by store B

$$=\frac{3}{5}\times5000\times\frac{40}{100}=1200$$

Required number of books
= 1200 + 750 = 1950

69. (2) Unsold books of store A

$$=3500\times\frac{80}{100}=2800$$

Unsold books of store B and C together =

$$5000\times\frac{60}{100}+4500\times\frac{70}{100}$$

= 6150

$$\text{Required\%}=\left(\frac{6150-2800}{6150}\times100\right)\%=54\%$$

70. (5) Number of total books sold by store B

$$=5000\times\frac{40}{100}=2000$$

Number of lined books sold

$$=2000\times\frac{60}{100}=1200$$

Total amount earned = ₹ (800 × 250 + 1200 × 175) = ₹ 4.1 lakh

ENGLISH LANGUAGE

(91–95) : (CGDBFEA)

91. (2) 92. (1) 93. (3)
94. (4) 95. (2)

(96–100) :

96. (4) Replace 'with' by 'about'.
97. (3) Replace 'yet' by 'but'.
98. (1) Replace 'deliberately' by 'deliberate'.
99. (1) Replace 'based' by 'having'.
100. (5) No error.

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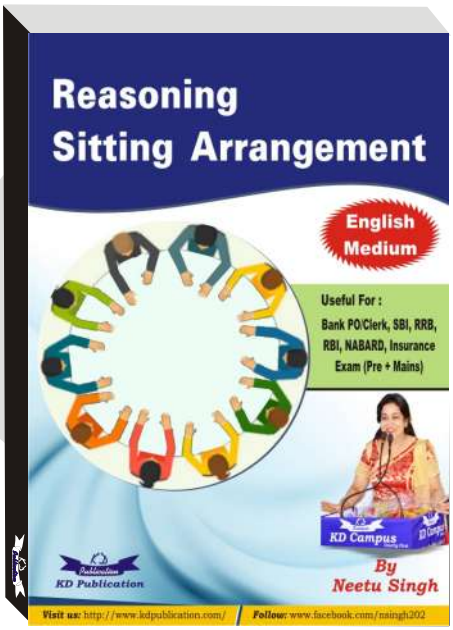
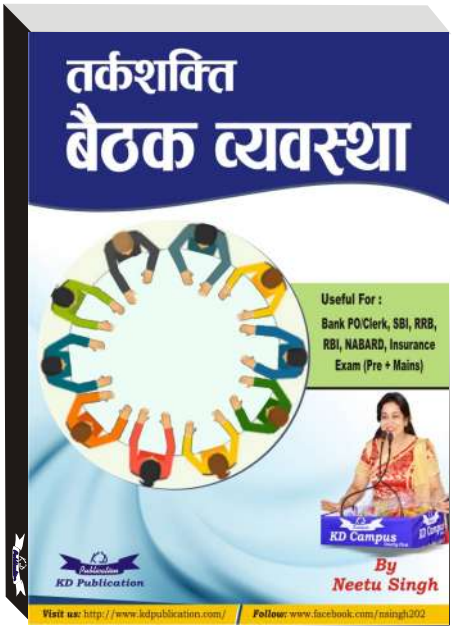
VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Nascent	Emerging; just coming into existence.	उदीयमान, उभरता हुआ
Insolvent	Unable to pay one's bills or discharge financial obiligations.	दिवालिया, निर्धन
Allege	To assert without proof.	आरोप लगाना
Ponzi scheme	A swindle in which a quick return, made up of money from new investors, on an initial investment lures the victim into much bigger risks.	छल, भ्रष्ट योजना
Pose	To assert, state, or put forward	पेश करना
Expedience	The quality of being suited to the end in view	लाभ, सुविधा
Facilitates	to make easier of less difficult	सरल बनाना, मदद देना
Prudential	Having caution with regard to practical matters; discretion	चातुर्य पूर्ण, बुद्धिमानी
Brick-and-mortar	Pertaining to conventional stores, businesses, etc., having physical buildings and facilities, as opposed to Internet or remote services.	भौतिक अस्तित्व
Complementary	acting as or providing a complement (something that completes the whole)	पूरक, पूरा करने वाला
Expedite	To speed up the progress of	शीघ्र निबटाना, जल्दी करना
Entangling	Twisted together of entwine into a confusing mass	फँसा हुआ, घिरा हुआ

For all Bank PO/ Clerk Exams





IBPS CLERK PHASE -I MOCK TEST - 166 (ANSWER KEY)

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

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