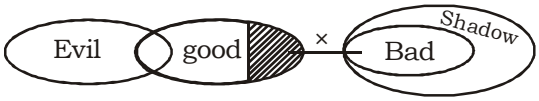
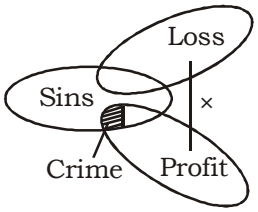
BANK PO PHASE-I - 79 (SOLUTION)

REASONING

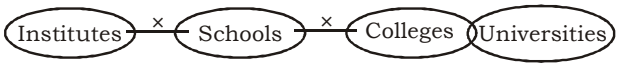
1. (4)



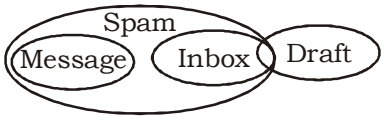
2. (3)



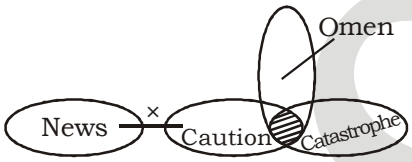
3. (3)



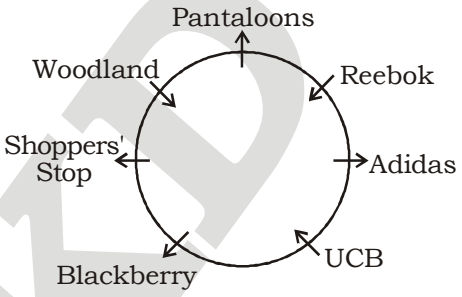
4. (4)



5. (4)



(6-10) :



6. (4) 7. (2) 8. (1)
9. (3) 10. (1)

(11–15) :

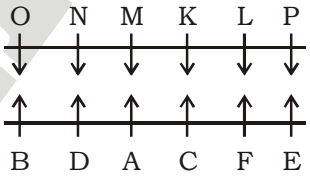
Note : '+' and '–' shows Male and Female respectively.

Person	Car	Collage
Bravosi –	Woodstrick	Khol Maro
Stark +	Needle	Winterfell
Tyrion +	Humor	Dorne
Tywin +	Hand King	Westeros
Pentos +	Triton	Tarth
Cersei –	Throne	King's Landing
Targyrion –	Dragon	Desert

11. (1) 12. (3) 13. (4)
14. (5) 15. (3)

(16-20) : Note :

Q. 17 ... read 'statement regarding L is true?'



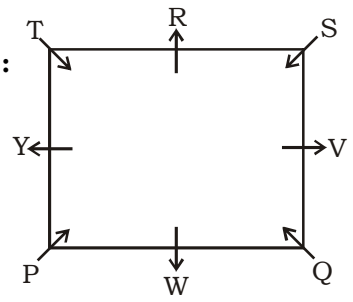
16. (2) 17. (1) 18. (3)
19. (1) 20. (4)

(21-25) :

only – na
order – ve
in – pu
serial – to
the – su
state – li
idea – Jo
logical – ri
or theory – zt bk

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

(26-30) :



26. (2) 27. (3) 28. (4)
29. (3) 30. (4) 31. (5)
32. (1) 33. (2) 34. (4)
35. (4)

MATHS

36. (5) $4 + \left(\frac{1}{6} + \frac{3}{4} - \frac{1}{4}\right)$

$= 4 + \left(\frac{2+9-3}{12}\right)$

$= 4 + \left(\frac{8}{12}\right) = 4\frac{2}{3}$

37. (1) $36251 + 43261 = ? + 52310$

$\therefore ? = 79512 - 52310 = 27202$

38. (2) $\frac{45}{6} \times 534 + 262 = 61800 - ?$

$\Rightarrow 4005 + 262 = 61800 - ?$

$\Rightarrow 61800 - 4267 = 57533$

39. (4) $486 \times \frac{72}{100} - 261 \times \frac{64}{100}$

$= 349.92 - 167.04 = 182.88$

40. (1) $\frac{?}{62} \times 12 = 264$

$\therefore ? = \frac{264 \times 62}{12} = 1364$

41. (2) Total no. of males who cast their votes from Bihar and Jharkhand together

$= 26500 \times \frac{83}{100} \times \frac{3}{5} + 9200 \times \frac{91}{100} \times \frac{1}{2}$

$= 13197 + 4186 = 17383$

$\therefore$ Required % $= \left(\frac{17383 - 4900}{4900} \times 100\right)\%$

$= \left(\frac{12483}{4900} \times 100\right)\%$

$= 254.75\% \approx 255\%$

42. (3) Required total no. of votes in 2017

$= 9200 \times \frac{120}{100} + 26500 \times \frac{125}{100}$

$= 11040 + 33125 = 44165$

43. (1) Total no. of females who cast their notes from Haryana and Delhi together

$= 4900 \times \frac{79}{100} \times \frac{3}{7} + 13500 \times \frac{78}{100} \times \frac{3}{10}$

$= 1659 + 3159 = 4818$

Total no. of males who cast their votes from Jharkhand and Haryana together

$= 9200 \times \frac{91}{100} \times \frac{1}{2} + 4900 \times \frac{79}{100} \times \frac{4}{7}$

$= 4186 + 2212 = 6398$

$\therefore$ Required ratio = 4818 : 6398

= 2409 : 3199

44. (4) Average no. of registered voters from Bihar and Assam together

$= \frac{26500 + 18500}{2} = \frac{45000}{2} = 22500$

and total no. of registered voters from Delhi and Haryana together

= 13500 + 4900 = 18400

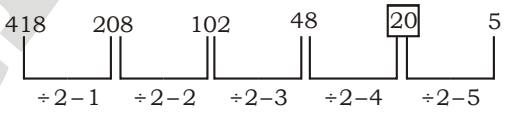
$\therefore$ Required difference

= 22500 – 18400= 4100

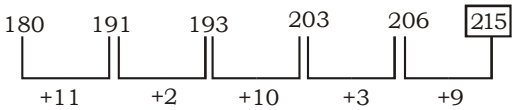
45. (5) Total no. of voters registers from Assam who belongs to Hindu community

$= 18500 \times \frac{45}{100} = 8325$

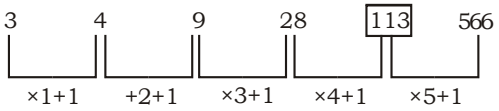
46. (3) The number series is based on the following patterns :



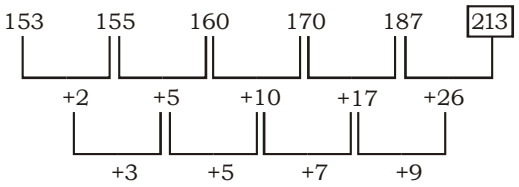
47. (1) The number series is based on the following patterns :



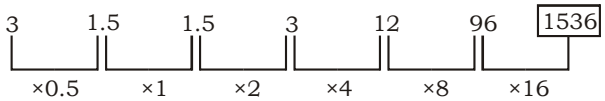
48. (3) The number series is based on the following patterns :



49. (3) The number series is based on the following patterns :



50. (3) The number series is based on the following patterns :



51. (3) (Ram + Shyam) per day work

$= \frac{1}{24}+\frac{1}{16}=\frac{5}{48}$

No. of days in which Ram and Shyam together can do the work = $\frac{48}{5}$

Time taken by Mohan = $\frac{4}{5} \times \frac{48}{5} = \frac{192}{25}$

Mohan per day work = $\frac{25}{192}$

Work done Ram and Shyam in 6 days

$= \frac{6\times5}{48} = \frac{5}{8}$

Work done by Mohan = $1-\frac{5}{8} = \frac{3}{8}$

No of days Mohan worked = $\frac{\frac{3}{8}}{\frac{25}{192}}$

$= \frac{3}{8}\times\frac{192}{25} = 2\frac{22}{25}$ days

52. (5) C. P of suman = $\frac{9240}{84}\times100$ = ₹ 11000

and S.P of Raman = 11000 × $\frac{122}{100}$

= ₹ 13420

∴ Raman's gain = 13420 – 9240 = ₹ 4180

53. (1) Ram + Shyam = 40 years ..... (i)
Mohan + Shyam = 38 years ..... (ii)
Ram + Mohan = 42 years ..... (iii)
Solving (i) (ii) and (iii), we get
Ram = 22 years, Shyam = 18 years and Mohan = 20 years

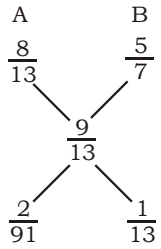
54. (4) Let the total voters = 100
No. of voters cast their votes = 80

No. of valid votes = 80 × $\frac{90}{100}$ = 72

∴ 72 unit → $\frac{7776}{75}\times100$ = 10368

∴ 100 unit → $\frac{10368}{72}$ × 100 = 14400

55. (4)



= 2 : 7

56. (5) Profit of company Q in 2011 = 280 × $\frac{120}{100}$

= 336 lakh

Profit of company T in 2011 = 440 × $\frac{135}{100}$

= 594 lakh

∴ Required difference = 594 – 336
= 258 lakh

57. (5) Total profit of company P, R and T in the year 2009
= 460 + 140 + 440 = 1040 lakh
Total profit of company Q and S in the year 2010
= 280 + 120 = 400 lakh

∴ Required % = $\left[\frac{1040-400}{400}\times100\right]\%$

= $\left(\frac{640}{400}\times100\right)\%$ = 160%

58. (1) Total profit earned in the year 2009
= 100 + 280 + 420 + 140 + 320
= 1260 Lakh
Total profit earned in the year 2010
= 460 + 380 + 140 + 260 + 440 =1680 lakh
∴ Required difference = 1680 – 1260
= 420 Lakh

59. (5) Total profit of company R in the year 2009 and 2010
= 420 + 140 = 560 lakh
Total profit of company S in the year 2009 and 2010 = 260 + 140 = 400 lakh
∴ Required ratio = 560 : 400 = 7 : 5

60. (3) Average profit earned by compnay P and Q in the year 2009

$= \frac{460+380}{2} = \frac{840}{2}$ = 420 lakh

Average profit earned by comapny S and T in the year 2010 = $\frac{140+320}{2} = \frac{460}{2}$

= 230 lakh
∴ Required difference = 420 – 230
= 190 lakh

61. (1) Side of rhombus = $\frac{80\sqrt{2}}{\sqrt{2}}$ = 80 cm

Let diagonal of rhombus = $3x$ and $4x$

A/Q,

$\left(\frac{3x}{2}\right)^2 + \left(\frac{4x}{2}\right)^2 = 6400$

$\Rightarrow 25x^2 = 6400 \times 4$

$\Rightarrow x^2 = \frac{6400 \times 4}{25} = 1024$

$\Rightarrow x = 32$ cm

$\therefore$ Area of rhombus = $\frac{1}{2} \times (3 \times 32) \times (4 \times 32)$

= 6144 cm^2

62. (2) Total share of Rahim and karim = ₹ 841000

Let share of Rakim = ₹ x

Share of Karim = ₹ (84100 – x)

A/Q,

$x \times \left(1 + \frac{5}{100}\right)^3 = (84100 - x)\left(1 + \frac{5}{100}\right)^5$

x = ₹ 44100

Share of karim = 84100 – 44100 = ₹ 40000

63. (2) Iron in 1 kg ore = $1 \times \frac{20}{100} \times \frac{85}{100}$ kg

$\left(\frac{100}{20} \times \frac{100}{85}\right)$ kg ore = 1 kg iron

$\left(5 \times \frac{100}{85} \times 60\right)$ kg ore = 60 kg iron

= 352.94 kg ore

64. (1) Total CP = 1.8 × 144 = ₹ 259.2

Total SP = $\left(100 - \frac{125}{900}\right) \times 144 \times 2.4$

= ₹ 297.6

Gain percentange

$= \left[\frac{(297.6 - 259.2)}{259.2} \times 100\right]\% = 14\frac{22}{27}\%$

65. (5) (3 × 10%) of A = (5 × 12%) of B = (6 × 15%) of C

(Let A, B, C are the investments)

0.3 A = 0.6 B = 0.9 C

A : B : C = 6 : 3 : 2

66. (1) I. $x^2 + 12x + 36 = 0$

$\Rightarrow x^2 + 6x + 6x + 36 = 0$

$\Rightarrow x(x + 6) + 6(x + 6) = 0$

$\Rightarrow (x + 6)(x + 6) = 0$

$\Rightarrow x = -6, -6$

II. $y^2 + 15y + 56 = 0$

$\Rightarrow y^2 + 8y + 7y + 56 = 0$

$\Rightarrow y(y + 8) + 7(y + 8) = 0$

$\Rightarrow (y + 7)(y + 8) = 0$

$\Rightarrow y = -7, -8$

Clearly, $x > y$

67. (1) I. $x^2 = 35$

$x = +\sqrt{35}, -\sqrt{35}$

II. $y^2 + 13y + 42 = 0$

$\Rightarrow y^2 + 7y + 6y + 42 = 0$

$\Rightarrow y(y + 7) + 6(y + 7) = 0$

$\Rightarrow (y + 6)(y + 7) = 0$

$\Rightarrow y = -6, -7$

Clearly, $x > y$

68. (2) I. $2x^2 - 3x - 35 = 0$

$\Rightarrow 2x^2 - 10x + 7x - 35 = 0$

$\Rightarrow 2x(x - 5) + 7(x - 5) = 0$

$\Rightarrow (2x + 7)(x - 5) = 0$

$\Rightarrow x = -\frac{7}{2}, 5$

II. $y^2 - 7y + 6 = 0$

$\Rightarrow y^2 - 6y - y + 6 = 0$

$\Rightarrow y(y - 6) - 1(y - 6) = 0$

$\Rightarrow (y - 6)(y - 1) = 0$

$\Rightarrow y = 6, 1$

Clearly , $x < y$

69. (4) I. $6x^2 - 29x + 35 = 0$

$\Rightarrow 6x^2 - 15x - 14x + 35 = 0$

$\Rightarrow 3x(2x - 5) - 7(2x - 5) = 0$

$\Rightarrow (3x - 7)(2x - 5) = 0$

$\Rightarrow x = \frac{7}{3}, \frac{5}{2}$

II. $2y^2 - 19y + 35 = 0$

$\Rightarrow 2y^2 - 14y - 5y + 35 = 0$

$\Rightarrow 2y(y - 7) - 5(y - 7) = 0$

$\Rightarrow (2y - 5)(y - 7) = 0$

$\Rightarrow y = \frac{5}{2}, 7$

Clearly, $x \leq y$

70. (2) I. $12x^2 - 47x + 40 = 0$

$\Rightarrow 12x^2 - 32x - 15x + 40 = 0$

$\Rightarrow 4x(3x - 8) - 5(3x - 8) = 0$

$\Rightarrow (4x - 5)(3x - 8) = 0$

$\Rightarrow x = \frac{5}{4}, \frac{8}{3}$

II. $4y^2 + 3y - 10 = 0$

$\Rightarrow 4y^2 + 8y - 5y - 10 = 0$

$\Rightarrow 4y(y + 2) - 5(y + 2) = 0$

$\Rightarrow (4y - 5)(y + 2) = 0$

$\Rightarrow y = \frac{5}{4}, -2$

Clearly, $x \geq y$

ENGLISH LANGUAGE

91. (4) Change 'live' into 'living'.
92. (4) Change it into 'before the commence - ment of olympics games next year.
93. (3) Change 'them' into 'those'.
94. (2) Replace 'in that' by 'by which'.
95. (4) Change 'their' into 'its'.
96. (2) Add 'a' before 'chairman'.
97. (5) No error.
98 (4) Add 'to' after 'reach'.
99. (3) Replace 'about' by 'for'.
100. (1) Add an apostrophe 's' to 'state'.

VOCABULARIES

Words	Meaning in English	Meaning in Hindi
Bare-Bone	the most important part of a system that gives it support	आधार
Intensively	in an extremely thorough way	गहनता से
Juggle	to try to deal with two or more important things	हथकंडे अपनाना
Envision	imagine as a future possibility; visualize.	कल्पना करना
Hamper	hinder or impede	रोकना
Presumed	to suppose that something is true	परिकल्पना करना
Rapport	a friendly relationship in which people understand each other very well	सौहार्द-स्थापन, घनिष्ठा
Prescribe	advise and authorize the use of (a medicine or treatment) for someone, especially in writing.	लिखित रूप से सलाह देना

IBPS CLERK PHASE -I MOCK TEST - 79 (ANSWER KEY)

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

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

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