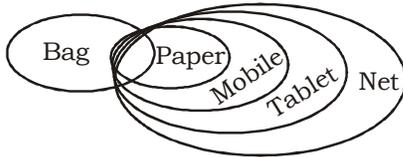


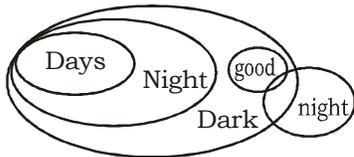


26. (5)



- I. True                      II. False  
III. False                  IV. True  
Only I and IV follow

27. (2)



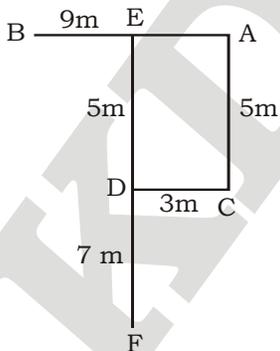
- I. False                      II. False  
III. False                  IV. True  
Only IV follows

(28-32) :

Floor	Person	Colour
7	Sohan	Punjab
6	Quasim	Bihar
5	Veer	Nagaland
4	Prakash	Assam
3	Uday	Goa
2	Tipu	Manipur
1	Robin	UP

28. (1)                      29. (2)                      30. (5)  
31. (5)                      22. (2)

(33-35) :



33. (4)  
34. (5)  
35. (5)  $BC = \sqrt{9^2 + 5^2}$   
 $= \sqrt{81 + 25} = \sqrt{106} \text{ m}$

**MATHS**

(36-40) :

36. (3)  $\frac{3}{19}$  of 30% of 3420 =  $(?)^2 \times 2$   
 $\Rightarrow \frac{3}{19} \times \frac{30}{100} \times 3420 = (x)^2 \times 2$   
 $\Rightarrow 162 \div 2 = (x)^2$   
 $\Rightarrow (x)^2 = 81$   
 $\Rightarrow x = 9$
37. (3)  $1898 \div 73 \times 72 = (x)^2 \times 13$   
 $\Rightarrow \frac{1898}{73} \times 72 = (x)^2 \times 13$   
 $\Rightarrow (x)^2 = \frac{1872}{13}$   
 $\Rightarrow (x)^2 = 144$   
 $\Rightarrow x = 12$
38. (5)  $\sqrt{7^2 \times 24 \times 2 - (11)^3 + 3} = ?$   
 $\Rightarrow ? = \sqrt{7^2 \times 24 \times 2 - (11)^3 + 3}$   
 $= \sqrt{49 \times 24 \times 2 - 1331 + 3}$   
 $= \sqrt{2352 + 3 - 1331}$   
 $= \sqrt{1024} = 32$
39. (4)  $(0.81)^2 \div (0.729)^3 \times (0.9)^2 = (0.9)^{2-3}$   
 $\Rightarrow (0.9)^{2 \times 2} \div (0.9)^{3 \times 3} \times (0.9)^2 = (0.9)^{2-3}$   
 $\Rightarrow 4 - 9 + 2 = x - 3$   
 $\Rightarrow -3 = x - 3$   
 $\Rightarrow x = 0$
40. (2) 65% of  $\sqrt{3136} \times 5 = x + 154$   
 $\Rightarrow \frac{65}{100} \times 56 \times 5 = x + 154$   
 $\Rightarrow 182 = x + 154$   
 $\Rightarrow x = 182 - 154 = 28$
- (41-45) :
41. (5) Required no. of men  
 $= 3250 \times \frac{79.2}{360} \times \frac{3}{5} = 429$

42. (3) Required ratio

$$= 3250 \times \frac{36}{360} \times \frac{13}{25} : 3250 \times \frac{57.6}{360} \times \frac{7}{10}$$

$$= 169 : 364 = 13 : 28$$

43. (5) No. of men in production department

$$= 3250 \times \frac{136.8}{360} \times \frac{4}{5} = 988$$

Total no. of employees in production department

$$= 3250 \times \frac{136.8}{360} = 1235$$

$$\therefore \text{Required}\% = \left( \frac{988}{1235} \times 100 \right)\% = 80\%$$

44. (2) No. of women in the IT department

$$= 3250 \times \frac{57.6}{360} \times \frac{3}{10} = 156$$

\(\therefore\) Required%

$$= \left( \frac{156}{3250} \times 100 \right)\% = 4.8\%$$

45. (5) Required no. of men

$$= \frac{3250}{360} \times \left( 136.8 \times \frac{4}{5} + 36 \times \frac{12}{25} + 57.6 \times \frac{7}{10} + 79.2 \times \frac{3}{5} + 50.4 \times \frac{6}{13} \right)$$

$$= \frac{325}{36} \times (109.44 + 17.28 + 40.32 + 47.52 + \frac{302.4}{13})$$

$$= 1937 + 210 = 2147$$

**(46-50) :**

46. (4) The number series is as follows:

$$40 \times 2 - 5 = 75$$

$$75 \times 2 + 25 = 175$$

$$175 \times 2 - 125 = 225$$

$$225 \times 2 + 625 = 1075$$

$$1075 \times 2 - 3125 = -975 \neq \mathbf{975}$$

47. (2) The number series is as follows:

$$40 \times 5 - 5^2 = 175$$

$$175 \times 4 - 4^2 = 684 \neq \mathbf{564}$$

$$684 \times 3 - 3^2 = 2043$$

$$2043 \times 2 - 2^2 = 4082$$

$$4082 \times 1 - 1^2 = 4081$$

48. (3) The number series is as follows:

$$27 + 1 = 28$$

$$28 + 2^2 = 32$$

$$32 + 3^3 = 59 \neq \mathbf{64}$$

$$59 + 4^4 = 315$$

$$315 + 5^5 = 3440$$

49. (1) The number series is as follows:

$$14 \times 0.5 + 1 = 8$$

$$8 \times 1 + 1 = 9$$

$$9 \times 1.5 + 1 = 14.5$$

$$14.5 \times 2 + 1 = 30$$

$$30 \times 2.5 + 1 = 76 \neq \mathbf{78}$$

50. (4) The number series is as follows:

$$2^2 - 1 = 3$$

$$3^2 + 1 = 10$$

$$5^2 - 1 = 24$$

$$7^2 + 1 = 50$$

$$11^2 - 1 = 120$$

$$13^2 + 1 = 170 \neq \mathbf{178}$$

The number series is based on prime number.

51. (4) Let the amount borrowed at 12% per annum is ₹ x

\(\therefore\) Amount borrowed at 10% per annum is ₹ (30000 - x).

ATQ,

$$36480 - 30000 = \frac{x \times 12 \times 2}{100} + \frac{(30000 - x) \times 10 \times 2}{100}$$

$$\Rightarrow 6480 = \frac{24x}{100} + \frac{600000 - 20x}{100}$$

$$\Rightarrow 648000 - 60000 = 4x$$

$$\Rightarrow 4x = 48000$$

$$\Rightarrow x = ₹ 12,000$$

52. (2) Speed of car =  $\frac{720}{9}$ , 80 km/hr

$$\text{Speed of bus} = 80 \times \frac{3}{4} = 60 \text{ km/hr}$$

$$\therefore \text{Speed of train} = \frac{60}{15} \times 27$$

$$= 108 \text{ km/hr}$$

\(\therefore\) Required distance to cover by train

$$= 108 \times 7 = 756 \text{ km}$$

53. (3) Ratio between Sohan's present age and his daughter = 3 : 1

Ratio between Sohan's present age and his mother = 9 : 13

\(\therefore\) Ratio between the age of Sohan, his daughter and his mother = 9 : 3 : 13

$$\therefore \text{Required difference} = \frac{125}{25} \times 10$$

$$= 50 \text{ years}$$

54. (5) Diameter of circle = 56 cm  
 $\therefore$  circumference =  $\pi d$   
 $= \frac{22}{7} \times 56 = 176$  cm  
 $\therefore$  Perimeter of square =  $272 - 176$   
 $= 96$  cm  
 $\therefore$  Side =  $\frac{96}{4} = 24$  cm  
 Now,  
 Area of circle =  $2 \times \frac{22}{7} \times 28 = 176$  cm<sup>2</sup>  
 Area of square =  $24 \times 24 = 576$  cm<sup>2</sup>  
 $\therefore$  Required sum =  $176 + 576$   
 $= 752$  cm<sup>2</sup>
55. (1) S.P of Sweta  
 $= 46000 \times \frac{88}{100} \times \frac{112}{100} = ₹ 45,337.60$   
 $\therefore$  Overall loss  
 $= 46000 - 45337.60 = ₹ 662.40$

**(56-60):**

56. (1) MP of calculator =  $100 \times \frac{140}{100}$   
 $= ₹ 140$   
 SP of calculator =  $100 \times \frac{112}{100}$   
 $= ₹ 112$   
 $\therefore$  Discount% =  $\left( \frac{140 - 112}{140} \times 100 \right) \%$   
 $= 20\%$
57. (3) Profit =  $231 - 165 = ₹ 66$   
 $\therefore$  Profit% =  $\left( \frac{66}{165} \times 100 \right) \% = 40\%$
58. (2) MP of Book =  $400 \times \frac{130}{100} = ₹ 520$   
 $\therefore$  SP of Book =  $520 \times \frac{80}{100} = ₹ 416$
59. (3) CP of pen =  $\frac{270}{90} \times 100 = ₹ 300$
60. (1) Profit on pen =  $270 - 210 = ₹ 60$   
 $\therefore$  Profit% =  $\left( \frac{60}{210} \times 100 \right) \%$   
 $= 28.57\% \approx 29\%$

61. (3) Original price of cinema tickets  
 $= \frac{1400}{70} \times 100 = ₹ 2,000$   
 $\therefore$  Reduced price =  $2000 - 1400$   
 $= ₹ 600$   
 $\therefore$  Original price of one ticket  
 $= \frac{600}{15} = ₹ 40$

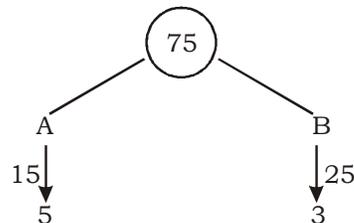
62. (1)  $20\% = \frac{1}{5}$   
 $25\% = \frac{1}{4}$   
 $30\% = \frac{3}{10}$   
 $\frac{5}{4} \quad \frac{4}{3}$   
 $\frac{10}{7}$   
 $\frac{50}{21}$

Discount =  $50 - 21 = 29$

$\therefore$  Discount% =  $\left( \frac{29}{50} \times 100 \right) \% = 58\%$

63. (5)  
 64. (3)  $W_1 : W_2 = 5 : 7$   
 $W_1 : W_3 = 4 : 9$   
 $\therefore W_1 : W_2 : W_3 = 20 : 28 : 45$   
 $\therefore W_2 : W_3 = 28 : 45$

65. (2) A can complete  $\frac{1}{3}$  of a work in 5 days  
 $\therefore$  A can complete the work in 15 days  
 $=$  B can complete  $\frac{2}{5}$  of the work in 10 days  
 $\therefore$  B can complete the work in 25 days.



- $\therefore$  Both complete the work in  $\frac{75}{8}$  days  
 $= 9\frac{3}{8}$  days

(66-70) :

66. (3) I.  $x(x+7) = 30$   
 $\Rightarrow x^2 + 7x - 30 = 0$   
 $\Rightarrow x^2 + 10x - 3x - 30 = 0$   
 $\Rightarrow x(x+10) - 3(x+10) = 0$   
 $\Rightarrow x = 3, -10$

II.  $y = \left(\frac{100}{9}\right)^{\frac{1}{2}}$   
 $\Rightarrow y = \frac{10}{3}$

67. (1) I.  $3x^2 - 16x + 21 = 0$   
 $\Rightarrow 3x^2 - 9x - 7x + 21 = 0$   
 $\Rightarrow 3x(x-3) - 7(x-3) = 0$   
 $\Rightarrow x = 3, \frac{7}{3}$

II.  $6y^2 + 25y + 21 = 0$   
 $\Rightarrow 6y^2 + 18y + 7y + 21 = 0$   
 $\Rightarrow 6y(y+3) + 7(y+3) = 0$   
 $\Rightarrow y = -\frac{7}{6}, -3$

68. (1) I.  $2x^5 (x^{-2}) = 128$   
 $\Rightarrow 2x^3 = 128$   
 $\Rightarrow x^3 = 64$   
 $\Rightarrow x = 4$

II.  $\frac{1}{3}y^9 = \frac{1}{24}y^{11}$   
 $\Rightarrow y^2 = 8$   
 $\Rightarrow y = 2\sqrt{2}$   
 Clearly,  $x > y$

69. (2) I.  $20x^2 - 108x + 144 = 0$   
 $\Rightarrow 5x^2 - 27x + 36 = 0$   
 $\Rightarrow 5x^2 - 15x - 12x + 36 = 0$   
 $\Rightarrow 5x(x-3) - 12(x-3) = 0$   
 $\Rightarrow x = \frac{12}{5}, 3$

II.  $25y^2 - 90y + 72 = 0$   
 $\Rightarrow 25y^2 - 30y - 60y + 72 = 0$   
 $\Rightarrow 5y(5y-6) - 12(5y-6) = 0$   
 $\Rightarrow y = \frac{12}{5}, \frac{6}{5}$   
 Clearly,  $x \geq y$

70. (4) I.  $2x^2 + 18x + 36 = 0$   
 $\Rightarrow x^2 + 9x + 18 = 0$   
 $\Rightarrow x^2 + 6x + 3x + 18 = 0$   
 $\Rightarrow x(x+6) + 3(x+6) = 0$   
 $\Rightarrow x = -3, -6$

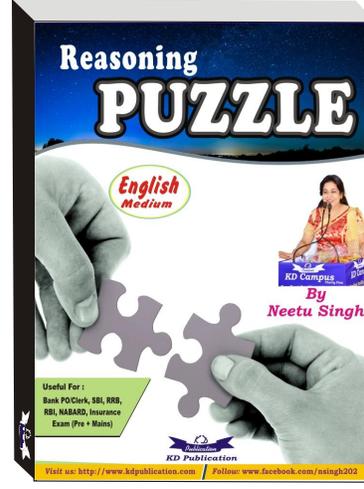
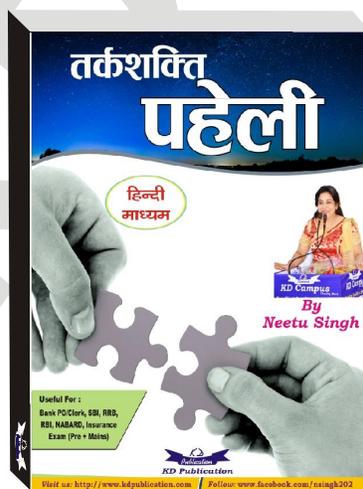
II.  $y^2 - 3y - 18 = 0$   
 $\Rightarrow y^2 - 6y + 3y - 18 = 0$   
 $\Rightarrow y(y-6) + 3(y-6) = 0$   
 $\Rightarrow y = -3, 6$   
 Clearly,  $x \leq y$

**ENGLISH LANGUAGE**

(96-100) :

96. (3) 'will be going' replace with 'went' because sentence is in past tense.  
 97. (2) 'as like' replace with 'like'.  
 98. (5) 'No error'.  
 99. (4) 'to be performed' (passive) replace 'to perform' (Active)  
 100. (1) 'to make' replace with 'make'.

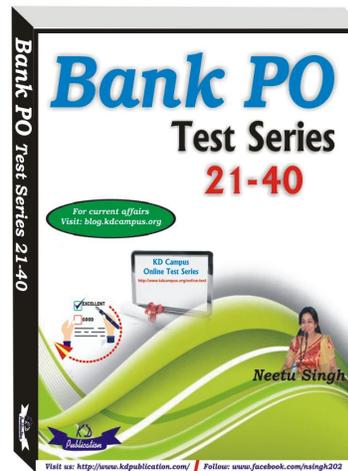
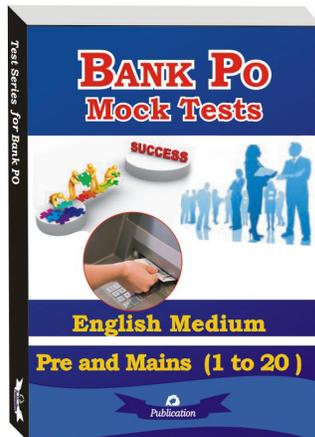
**For all Bank PO/ Clerk Exams**



## VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Manifest	clear or obvious to the eye or mind	प्रकट
Obviate	remove (a need or difficulty)	मुक्त हो जाना
Invent	create or design (something that has not existed before); be the originator of	आविष्कार करना
Woo	try to gain the love of (someone, typically a woman), especially with a view to marriage	विवाह का प्रार्थी होना
Precarious	not securely held or in position; dangerously likely to fall or collapse	अनिश्चित
Raucous	making or constituting a disturbingly harsh and loud noise	फटा
Coarse	rough or loose in texture or grain	मोटा
Tipsy	slightly drunk	प्रमत्त
Sober	not affected by alcohol; not drunk	शांत
Inherent	existing in something as a permanent, essential, or characteristic attribute	निहित
Tardy	delaying or delayed beyond the right or expected time; late	मंदा
Bellicose	demonstrating aggression and willingness to fight	लड़ाकू
Nimble	quick and light in movement or action; agile	चतुर
Mold	a hollow container used to give shape to molten or hot liquid material (such as wax or metal) when it cools and hardens	ढालना

## For all Bank PO/ Clerk Exams



KD  
Campus

## KD Campus

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

### SBI CLERK PHASE - I - 130 (ANSWER KEY)

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

**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