

IBPS CLERK Preliminary-2021. ICP-2021-11001

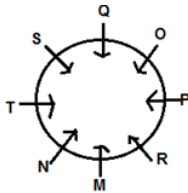
HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

(1 – 5)



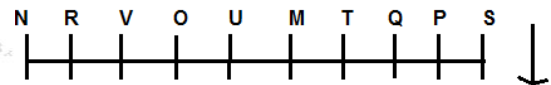
1. (2)
2. (1)
3. (5)
4. (3)
5. (2)
6. (4) UDT IAT OOE UXO DUT
7. (3) TCR HAR OND TWN CTR
8. (5) 17 letters
9. (1) TCS HCS QNG TWQ CTS
10. (3) CST AHS ENO OTW CST

(11 – 15)



11. (5)
12. (4)
13. (3)
14. (5)
15. (3)
16. (3) 5th to the right of 13th element from the right end implies (13-5=) 8th element from the right end in the new series. Thus the required element is C.
17. (5) In others, except (e) second and third elements of the group occupy adjacent positions in the series.
18. (2) We have to look for vowel – consonant – consonant combination. R is the only such consonant.
19. (1) The fourth to the left of the seventh element from the right end implies (4 + 7 =11) eleventh element from right end. Hence the required element is B.

(20 – 25)



20. (5) We have to find symbol-consonant or consonant-symbol combination but not consonant-symbol-consonant combination in the given sequence. In the given series such symbols are *, \$, @ and £.
21. (3)
22. (5)
23. (2)
24. (1)
25. (4)
26. (5) L < M (True) K < J (True)
27. (4) E ≤ Q (False) E = H (False)
28. (1) J > R (True) T ≥ R (False)
29. (1) H < T (True) F = T (False)
30. (2) F = P (False) V < F (True)

31. (3)

32. (4)

33. (3)

34. (2)

PARAMOUNT
AAMNOPRTU

35. (4)

C, I, F, T

36. (3)

Let the third number be x. Then, second number = 2x. First number = 4x

$$\therefore \frac{1}{x} + \frac{1}{2x} + \frac{1}{4x} = \left(\frac{7}{72} \times 3\right) \text{ or } \frac{7}{4x} = \frac{7}{24} \text{ or } 4x = 24$$

$$\text{or } x = 6$$

So, the numbers are 24, 12 and 6.

37. (2)

Price of the article after first discount, $65 - \left(65 \times \frac{10}{100}\right) = \text{Rs } 58.5$

Therefore, the second discount

$$= \frac{58.5 - 56.16}{58.5} \times 100 = 4\%$$

38. (1)

Total no. of arrangements of the letters of the word UNIVERSITY = $\frac{10!}{2!}$

No. of arrangements when both I's are together = 9!

So, the no. of ways in which 2 I's do not together = $\frac{10!}{2!} - 9!$

$$\therefore \text{Required probability} = \frac{\frac{10!}{2!} - 9!}{\frac{10!}{2!}} = \frac{10! - 9! \cdot 2!}{10!} = \frac{4}{5}$$

39. (1)

Let r be the radius of the circle.
 $\therefore 2\pi r = 44 = \text{Perimeter of the square} \Rightarrow r = 7$
 $\therefore \text{Area of the circle} = \pi r^2$
 $= \frac{22}{7} \times 49 = 154 \text{ sq. cm.}$

40. (2)

$(16M + 12W) \times 20 = 18W \times 40$
 $\text{or, } 2M = 3W$
 $\text{so, } 12M + 27W = 27 + 12 \times \frac{3}{2} W = 45W$
 $\therefore 18 \times 40 = 45 \times x$
 $\text{or, } x = 16 \text{ days}$

41. (4)

$\frac{400 \times 185}{100} + \frac{240 \times 35}{100} = \frac{1648 \times ?}{100}$
 $\Rightarrow 74000 + 8400 = 1648 \times ?$
 $\therefore ? = \frac{82400}{1648} = 50$

42. (3)

$\sqrt{24^4 + 224} = ? \times 20^2$
 $\Rightarrow 24 \times 24 + 224 = ? \times 20^2$
 $\Rightarrow 800 = ? \times 400$
 $\therefore ? = \frac{800}{400} = 2$

43. (1)

$? = 2.8 \times 1.5 + \frac{8 \times 250}{100}$
 $= 4.2 + 20 = 24.2$

44. (3)

$\frac{160 \times 250}{100} + ? \times \frac{120 \times 400}{100}$
 $\Rightarrow 400 + ? = 480$
 $\therefore ? = 480 - 400 = 80$

45. (2)

$? = \frac{65 \times 780}{100} + \frac{78 \times 650}{100}$
 $= 507 + 507 = 1014$

46. (3)

Total number of students in class XIIth
 $= \frac{30}{50} \times 100 + \frac{81}{54} \times 100$
 $= 60 + 150$
 $= 210$

47. (4)

$\frac{55\% \text{ of girls}}{40\% \text{ of boys}} = \frac{5}{4}$
 $\therefore \text{Required ratio} = \frac{\text{boys}}{\text{girls}} = \frac{11}{10}$

48. (2)

Number of boys $= \frac{12}{25} \times 250 = 120$
 Number of girls $= \frac{13}{25} \times 250 = 130$
 $\therefore \text{Required difference}$
 $= \left| \frac{60}{100} \times 130 - \frac{55}{100} \times 120 \right| = 78 - 66 = 12$

49. (3)

Let total number of girls be G .
 $\therefore 0.5G + 0.6(300 - G) = 160$
 $\Rightarrow 0.5G + 180 - 0.6G = 160$
 $\Rightarrow G = 200$

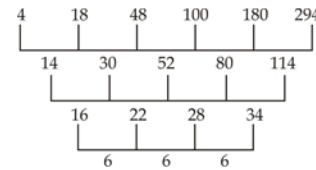
50. (1)

Required average

$$= \frac{1}{5}(60 + 50 + 55 + 45 + 60) \times \frac{150}{100}$$

$$= \frac{1}{5} \times 270 \times \frac{150}{100} = 81$$

51. (1)

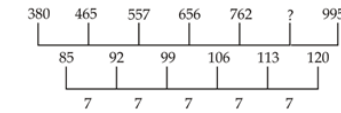


so, $? = 294 + 114 + 34 + 6 = 448$

52. (2)

$+16, +32, +48, +64, +80 \dots$
 so, $? = 270 + 96 = 366$

53. (3)

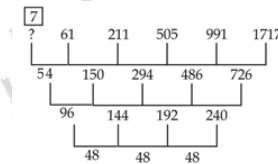


So, $? = 762 + 113 = 875$

54. (4)

$\times 1, \times 1.5, \times 2.5, \times 4, \times 6, \times 8.5 \dots$
 so, $? = 1080 \times 8.5 = 9180$

55. (4)



so, $61 = ? + (150 - 96)$
 $\text{or, } ? = 7$

56. (2)

$$x + \frac{3}{2} = 2 \left(x - \frac{3}{2} \right)$$

$$\therefore x = 4 \frac{1}{2} \text{ km/h}$$

57. (2)

$$\text{C.I.} = 5000 \left[\left(1 + \frac{10}{100} \right)^2 \times \left(1 + \frac{20}{100} \right)^2 - 1 \right]$$

$$= 5000 \times \frac{1856}{2500} = \text{Rs } 3,712$$

58. (2)

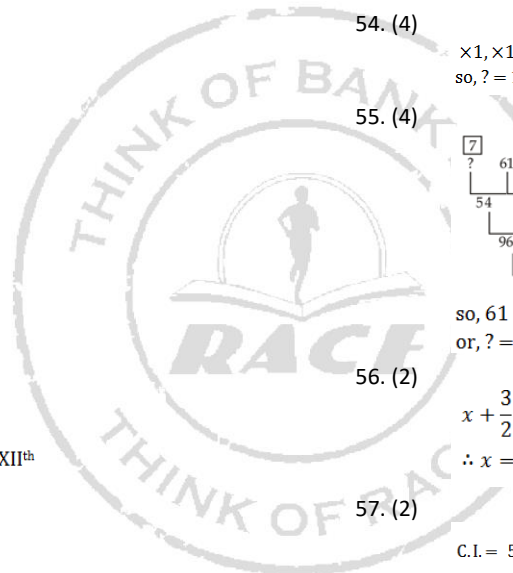
Number divisible by 5 will end with either '0' or '5'
 Total number ending with '0' $= 4 \times 3 \times 1 = 12$
 Total number ending with '5' $= 3 \times 3 \times 1 = 9$
 $\therefore \text{Total such numbers} = 21$

59. (3)

Let the third number be x
 $\therefore \text{1st number} = x - 30\% \text{ of } x = x - \frac{3x}{10} = \frac{7x}{10}$
 $\text{2nd number} = x - 40\% \text{ of } x = x - \frac{4x}{10} = \frac{6x}{10}$
 Suppose 2nd number = $K\%$ of 1st number
 $\therefore \frac{6x}{10} = \frac{K}{100} \times \frac{7x}{10}$
 $\Rightarrow K = \frac{600}{7} = 85 \frac{5}{7} \%$

60. (1)

Total CP $= 0.9 \times 288 = \text{Rs. } 259.2$
 Total SP $= \left(1 - \frac{12.5}{900} \right) \times 288 \times 1.2 = \text{Rs. } 297.6$
 Gain percentage $= \frac{(297.6 - 259.2)}{259.2} \times 100 = 14 \frac{22}{27} \%$



61. (2)

$$25 \times ? = \frac{361 \times 250}{50} = 361 \times 5$$

$$\Rightarrow ? = \frac{361 \times 5}{25} = 72.2$$

62. (2)

$$56\% \text{ of } 450 + ? = 300$$

$$\Rightarrow \frac{56 \times 450}{100} + ? = 300$$

$$\Rightarrow 252 + ? = 300$$

$$\Rightarrow ? = 300 - 252 = 48$$

63. (1)

$$\frac{250 \times 40}{100} = ? \times \frac{50}{100}$$

$$\Rightarrow ? \times 50 = 250 \times 40$$

$$\Rightarrow ? = \frac{250 \times 40}{50} = 200$$

64. (3) $? = 81 + 15 - 9 = 87$

65. (4)

$$\frac{22440}{\sqrt{?}} = 34 \times 12$$

$$\Rightarrow \sqrt{?} = \frac{22440}{34 \times 12} = 55$$

$$\Rightarrow ? = 55 \times 55 = 3025$$

66. (4)

$$49 + 81 - 64 = ? - 121$$

$$\Rightarrow 66 = ? - 121$$

$$\Rightarrow ? = 121 + 66 = 187$$

67. (2)

$$? = 1 + \frac{3}{4} + 2 + \frac{2}{3} + 2 + \frac{1}{2}$$

$$= 5 + \left(\frac{3}{4} + \frac{2}{3} + \frac{1}{2} \right)$$

$$= 5 + \frac{23}{12}$$

$$= 5 + 1 \frac{11}{12} = 6 \frac{11}{12}$$

68. (5)

Expression

$$= 500 \times \frac{6}{7} \times \frac{42}{100} \times \frac{35}{100}$$

$$= 63$$

69. (1)

$$8888 + 848 + 88 - ?$$

$$= 7337 + 737$$

$$\Rightarrow 9824 - ? = 8074$$

$$\Rightarrow ? = 9824 - 8074$$

$$= 1750$$

70. (3)

$$? = \frac{127512}{414 \times 7} = 44$$

71. (3)

The opening line from paragraph 3, "Kurosawa defines the world of the initially upon a void, a missing presence. The grave is gone, brushed aside by a world rushing into modernism, and now the hunter exists only in Arseniev's memories" explain that the film begins with the absence of its main protagonist. Option (c) is thus the right choice.

72. (1)

The line from paragraph 1, "The film itself is circular, opening and closing by Dersu's grave, thus sealing off the character from the modern world to which Kurosawa once so desperately wanted to speak" explains that Arseniev's search for Dersu's grave is a part of the beginning of the film. Option (a) is thus the right choice.

Q73. (3)

The line from paragraph 1, "Each of the temporal frames has a different focus, and by shifting them Kurosawa is able to describe the encroachment of settlements upon the wilderness and the consequent erosion of Dersu's way of life" explains how Kurosawa is able to show the erosion of Dersu's way of life. Option (c) is thus the right choice.

74. (5)

The line from paragraph 3, "While they sleep or joke among themselves, he writes in his diary and Kurosawa cuts in several point-of-view shots from his perspective of trees that appears animated and sinister as the fire light dances across their gnarled, leafless outlines. This reflective dimension, this sensitivity to the spirituality of nature, distinguishes him from the others" show Arseniev's reflective and sensitive nature. Hence, option (e) is the right choice.

75. (3)

The line from paragraph 3, "The first section of the film has two purposes: to describe the magnificence and inhuman vastness of nature and to delineate the code of ethics by which Dersu lives and which permits him to survive in these conditions show the code by which Dersu lives that allows him to survive his surroundings. Option (c) is thus the right choice.

76. (4)

The line from paragraph 3, "The hallucinatory dreams and visions of Dodeskaden are succeeded by nostalgic, melancholy ruminations" explains that the film celebrates Dersu's wisdom through Arseniev's nostalgic, melancholy ruminations. Option (d) is thus the right choice.

77. (3)

Condescension means an attitude of patronizing superiority; disdain. Hence it has same meaning as haughtiness.

Inure means cause to accept or become hardened to.

Intimation means a slight suggestion or vague understanding.

Insidious means proceeding in a gradual, subtle way, but with very harmful effects.

Instigate means provoke.

78. (5)

Desolately means feeling or showing great unhappiness or loneliness. Hence it has same meaning as despondent.

Incumbent means necessary as a duty or responsibility; morally binding.

Inane means devoid of intelligence.

79. (3)

Evocative means bringing strong images, memories, or feelings to mind. Hence it has opposite meaning as unreminiscent.

Fatuous means devoid of intelligence.

Expiate means make amends for.

Evince means give expression to.

Fractious means easily irritated or annoyed.

Q80. (5)

Inoculates means treat with a vaccine to produce immunity against a disease; vaccinate, protect. Hence it has opposite meaning as eliminate.

Accost means speak to someone.

Ostracism means the act of excluding someone from society by general consent.

Extol means praise.

Expurgate means edit by omitting or modifying parts considered indelicate.

81. (5) The sentence is grammatically correct.
82. (5) The sentence is grammatically correct
83. (3) Use 'was' in place of 'were' because if 'no one, everyone, someone, anyone, nobody, everybody, somebody, anybody, nothing, everything, something, anything' are used in the form of a subject of the sentence, then the verb is always be singular.
84. (4) 'spoke' will be used in place of 'speak' as the sentence is in past tense.
85. (5) The sentence is grammatically correct.
86. (3) 'become' will be used in place of 'became' as with 'have/had/ has', third form of verb is used.
87. (5) The sentence is grammatically correct.
88. (4) Article 'a' is used before 'ring' as 'ring' is a singular countable noun.
89. (3) Use 'saw' in place of 'see' as the sentence is in past tense.
90. (3) 'very' will not be used before 'hardly'.
91. (2) **Deleterious** means causing harm or damage
Vicious means deliberately cruel or violent
Noxious means harmful, poisonous, or very unpleasant
Hence deadliest will be the correct choice
92. (1) **Restitutions** means the restoration of something lost or stolen to its proper owner
Hence attacks is the correct choice among all
93. (4) **Soporific** means tending to induce drowsiness or sleep
Coercive means relating to or using force or threats
Sedative means promoting calm or inducing sleep
Hence horrific best fits the purpose
94. (3) **Dissuade** means persuade (someone) not to take a particular course of action
Exhilarate means make (someone) feel very happy, animated, or elated
Hence revive will be the correct choice among all the options
95. (1) **Predate** means exist or occur at a date earlier than (something)
Intimidate means frighten or overawe (someone), especially in order to make them do what one wants
Hence anticipate will best explain the meaning here.
96. (3) **Traitorous** means relating to or characteristic of a traitor
Perfiduous means deceitful and untrustworthy
Rebellious means showing a desire to resist authority, control, or convention
Seditious means inciting or causing people to rebel against the authority of a state or monarch
Hence dangerous will be the most suitable option among all
97. (2) **Antagonism** means active hostility or opposition
Solidarity means unity or agreement of feeling or action, especially among individuals with a common interest
Discord means disagreement between people
Here, solidarity best fits the purpose
98. (4) **Predilection** means a preference or special liking for something; a bias in favour of something
Resurrection means (in Christian belief) the rising of Christ from the dead
Revulsion means a sense of disgust and loathing
Hence revulsion will be the most exact option among all
99. (4) **Truculent** means eager or quick to argue or fight; aggressively defiant
Bland means lacking strong features or characteristics and therefore uninteresting
Here, intense best fits the purpose
100. (3) **Concord** means agreement or harmony between people or groups
Accord means an official agreement or treaty
Hence conflict will be the correct choice