

IBPS Clerk Preliminary Grand Test –ICP-181008

HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

- 1-5. The correct sequence is **AEBDC**.
- 1.(1) 2.(5)
3.(2) 4.(4) 5.(3)
6.(5) There is no error in the statement.
7.(4) Substitute 'between' for 'among'
8.(3) Substitute 'its' for 'their'
9.(3) Use 'who' in place of 'which'. For persons relative pronoun who is used.
10.(3) Use 'seems' in place of 'seemed'. Present Indefinite form of verb is required. It is a fact about nature
11.(2) 12.(5)
13.(3) 14.(3) 15.(5)
16.(1) 17.(1) 18.(1)
19.(2) **Incumbent** means currently holding office.
20.(1) **Plethora** means a large or excessive amount of something.
- 21.(3) 22.(1)
23.(3) 24.(2) 25.(4)
26.(5)

27.(2) **Compulsion** means the action or state of forcing or being forced to do something; constraint.

Persuasion means the action or process of persuading someone or of being persuaded to do or believe something.

28.(4) In the first filler (a), (c), (d) are fit in the 2nd filler only (b) and (d) can fit.

29.(2) **Commendable** means deserving praise.

30.(1) In first filler (1) and (5) are can be used but in the other only (1) and (2) can fit.

$$31.(2) \quad x = \frac{7}{9}, \frac{5}{9}; y = \frac{3}{9}, \frac{5}{9}$$

Therefore $x \geq y$.

$$32.(2) \quad x = +9, +7; y = +7, -5;$$

$$33.(5) \quad x = 4, \frac{7}{2}; y = 6, \frac{4}{5};$$

Therefore no relation.

$$34.(1) \quad x = 5, y = 2$$

Therefore $x > y$.

$$35.(3) \quad x = 16, y = 17.$$

Therefore $y > x$.

$$36.(4) \quad 84 + 144 = \frac{1140}{x} \Rightarrow x = \frac{1140}{228} = 5.$$

$$37.(5) \quad \frac{13}{7} \times \frac{11}{6} \times \frac{9}{5} \times \frac{70}{429} = \frac{1}{5} \times x \Rightarrow x = 5.$$

$$38.(3) \quad 3^{0.2} \times (3)^{2 \times 0.6} \times (3)^{3 \times 0.2} = 5 + ?$$

$$\Rightarrow (3)^2 = 5 + ? \Rightarrow ? = 9 - 5 = 4.$$

$$39.(4) \quad (4^?)^2 = 65536 \Rightarrow 4^? = 256 \Rightarrow 4^? = 4^4 \Rightarrow ? = 4.$$

$$40.(2) \quad \sqrt{270 + 150 + 21} = (?)^2 \Rightarrow x^2 = 21 \Rightarrow x = \sqrt{21}$$

$$41.(2) \quad \text{Ratio of profit} = 11 \times 3 : 16.5 \times 3 : 8.25 \times 3$$

$$= 11 : 16.5 : 8.25 = 4 : 6 : 3.$$

$$\text{Anil's share} = 3/13 \times 19.5 = 4.5$$

$$50\% \text{ of Anil's share} = 50\% \text{ of } 4.5 = 2.25$$

$$42.(1) \quad \text{Circumference of plot} = \frac{3300}{15} = 220$$

$$2\pi r = 220$$

$$r = \frac{220 \times 7}{2 \times 22} = 35$$

$$\text{Area of floor} = \pi r^2 = \frac{22}{7} \times 35 \times 35$$

$$= 3850$$

$$\text{Cost of flooring} = 3850 \times 100$$

$$= 385000$$

$$43.(3) \quad \text{Four years ago}$$

$$\text{Shyam : Ram} = 3 : 4$$

After 4 yr,

$$\frac{3x+8}{4x+8} = \frac{5}{6}$$

$$x = 4$$

$$\text{Present age of Shyam} = 3x + 4 = 16$$

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44.(1) $A + B + C = \frac{2700}{18}$
 $A + B + C = 150$ _____ (1)
 $A + C = \frac{940}{10}$
 $A + C = 94$ _____ (2)
 From (1) and (2)
 $B = 56$
 $B + C = \frac{1520}{20}$
 $B + C = 76$ _____ (3)
 $C = 20$

45.(5) Probability of first ball to be red = $\frac{5c_1}{15c_1} = \frac{5}{15} = \frac{1}{3}$
 Probability of second ball to be yellow = $\frac{7c_1}{14c_1} = \frac{7}{14} = \frac{1}{2}$
 \therefore Required probability = $\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$

46.(3) Required percentage = $\frac{1526}{1299} \times 100 = 117.48\%$

47.(4) Required average
 $= \frac{208 + 318 + 219 + 90 + 171}{5} = \frac{1006}{5} \approx 201.$

48.(1) Required percentage
 $= \frac{7637 - 1486}{1486} \times 100 \approx 414\%.$

49.(5) Not selected interviewees in HTC
 $= 259 + 541 + 198 + 296 + 249 = 1543.$
 Not selected interviewees in APPLE
 $= 245 + 272 + 544 + 220 + 168 = 1449.$
 Therefore required difference = $1543 - 1449 = 94.$

50.(3) Number of interviewees not selectec = 210
 Then, $x + \frac{110}{100}x = 210$ Or, $x = \frac{210}{2.1} = 100.$

i.e. Number of female interviewees = 100.

51.(3) Series is $\times 2 + 1, \times 3 + 2, \times 4 + 3, \times 5 + 4, \times 6 + 5$
 Therefore, $? = 719 \times 6 + 5 = 4319.$

52.(1) Series is $+1^2 - 1, +2^2 - 2, +3^2 - 3, +4^2 - 4, +5^2 - 5, +6^2 - 6$
 Therefore, $? = 48 + 36 - 6 = 78.$

53.(2) Pattern is $5^1 + 5, 4^2 + 4, 3^3 + 3, 2^4 + 2, 1^5 + 1$

54.(2) Pattern is $\times 1 + 2, \times 2 + 3, \times 3 + 4, \times 4 + 5$
 Therefore, $? = 17 \times 3 + 4 = 55.$

55.(1) Pattern is $\div 7, \div 6, \div 5, \div 4, \div 3, \div 2$
 Therefore, $? = 24 \div 3 = 8.$

56.(3) Required No. of inhabitants after 3 year
 $= 64000 \left(1 + \frac{2\frac{1}{2}}{100}\right)^3$
 $= 64000 \left(\frac{41}{40} \times \frac{41}{40} \times \frac{41}{40}\right) = 68921.$

57.(2) Let C.P. be Rs. x.
 $900 - x = 2(x - 450) \Rightarrow 3x = 1800 \Rightarrow x = 600.$
 C.P. = Rs. 600, Gain required = 25%.

Therefore, S.P. = Rs. $\left(\frac{125}{100} \times 600\right) = \text{Rs. } 750.$

58.(3) Let Total CP = Rs. 100.
 Therefore, S.P. = $\frac{140}{100} \times 50 + \frac{60}{100} \times 25 + 25$
 $= 70 + 15 + 25 = 110.$
 Therefore, total gain = 10%.

59.(2) Let speed of trains are x km/hr and y km/hr.

$\therefore x + y = \frac{132}{6} = 22$... (i)

$x - y = -7$... (ii)

From (i) and (ii),

$X = 7.5 \text{ km/hr.}, y = 14.5 \text{ km/hr.}$

60.(2) Since, 2×2 men of first group = 1×4 men of second group
 Therefore efficiency of both group are in ratio = 1 : 1.
 Since, $M_1 \times D_1 \times T_1 \times E_1 \times W_2 = M_2 \times D_2 \times T_2 \times E_2 \times W_1$
 $30 \times 10 \times 4 \times 1 \times 2 = 45 \times D_2 \times 8 \times 1 \times 1$
 Therefore, No. of days $D_2 = 6\frac{2}{3}$ days.

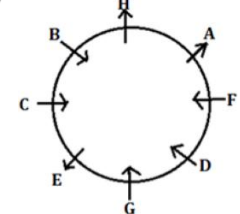
61.(4) $56 + 5.4 - 3 = 58.4.$

62.(5) $? = 8063 - 5580 = 2483$

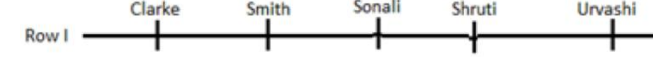
63.(1) $\frac{31^{31}}{31^{27}} = (31)^4 = (961)^2$

64.(1) $(9.11 \times 936) - (12.5 \times 498) = 23.0196.$

- 66-70. meena \rightarrow mo
 teena \rightarrow ga
 reena \rightarrow su
 surbhi \rightarrow ti
 nancy \rightarrow ye/na
 garden \rightarrow zo
 dream \rightarrow ki
 golu \rightarrow ye/na
 bikki \rightarrow da
 aniket \rightarrow ra
 neeraj \rightarrow nic
- 66.(5) 67.(4)
 68.(2) 69.(5) 70.(2)
 71.(1) D > C = E (True)
 B \geq C = E (False)
 72.(2) S = Q \geq P (False)
 S = Q > M \geq N (True)
 73.(4) V = S (False)
 Q > M (False)
 74.(1) S \geq V = U > T (True)
 V \geq Q (False)
 75.(1) E = J > L \geq W (True)
 M \geq N > R > W \leq L (False)

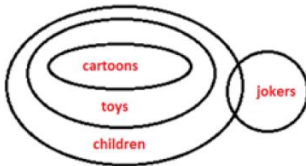


76.(3) 77.(2)
 78.(1) 79.(1) 80.(4)



81.(3) 82.(5)
 83.(4) 84.(5) 85.(2)

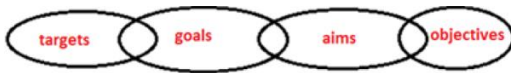
86.(1)



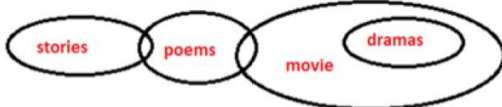
87.(2)



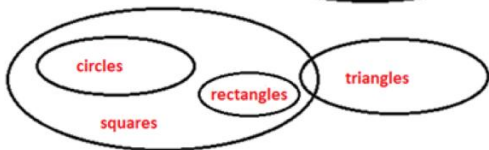
88.(4)



89.(4)



90.(3)



91-95.



91.(2)

92.(1)

93.(3)

94.(4)

95.(5)

96.(3) We have to look for number – symbol-letter sequence in the given series.

97.(2) 11th element to the left of 15th element from the left \Rightarrow 4th element from the left after dropping all the Six symbols i.e. V.

98.(4) 7th to the right of 19th element from the right \Rightarrow 12th element from the right $\Rightarrow (31-12) = 19$ th element from the left.

Now, 19th element from the left will be replaced by the fourth element (from the left) in the original series. Hence the required element is 'U'

99.(4) After rearranging the letters according to the questions, it is obvious that L is fourteenth element from the left and seventeenth from the right.

100.(2) We have to look for number-letter and letter-symbol sequences.