🏃 **RACE**

IBPS Clerk Preliminary Grand Test –ICP-171012
HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

1.(3)   2.(1)
3.(4)   4.(2)   5.(5)
6-10.   The correct sequence is CBEAD.
6.(1)   7.(4)
8.(5)   9.(1)   10.(5)
11.(2) Substitute 'comply' for 'compliance'
12.(1) Substitute 'damaged' for 'damage'
13.(2) Delete 'of the'
14.(3) Substitute 'talking' for 'talked'
15.(5) No error
16.(2) 'development, commendable' is the correct use. Commendable means he showed commendable restraint.
17.(1) 'Abused, supremacy' is the correct use. Supremacy means the state or condition of being superior to all others in authority, power, or status.
18.(4) uniformly, percolate' is the correct choice for the fillers. Percolate means (of a liquid or gas) filter gradually through a porous surface or substance.
19.(1) Profound means (of a state, quality, or emotion) very great or intense.

Pregnant means full of meaning; significant or suggestive.

20.(5) Retrenchment means to cut down, reduce, or diminish; curtail (expenses).

21.(4) Refer to 6th paragraph , ''Oman has played a key role in sustaining India's security efforts in the Gulf of Aden by offering berthing and replenishment facilities to Indian naval ships, and hosting a crucial Indian listening post in the Western Indian Ocean''.

22.(3) Refer to 9th paragraph "With China continuing to make military inroads, the past few years have witnessed a shrinking of Indian geopolitical influence in the Indian Ocean Region (IOR)''.

23.(4) Refer to the 3rd paragraph ''in April this year, the Indian Navy scored one of its biggest diplomatic successes when it evacuated over 4000 Indians and 900 foreign nationals from war‑torn Yemen(operation Rahat)''.

24.(5) It is the most suitable title for the given passage.

25.(4) Refer to paragraph 2nd of the passage ''Prime Minister Narendra Modi visited Sri Lanka, Seychelles and Mauritius, making it clear the Indian Ocean littorals remained India's top priority''.

26.(2) Refer to the 8th paragraph of the passage ''The Middle East is also home to nearly 7 million Indians, whose remittances contribute significantly to India's economy. The sheer weight of market interaction and commercial exchanges with the Arab Gulf region amplifies its political significant, creating an urgent need for a greater Indian naval presence in the region."

27.(5) Endeavours means try hard to do or achieve something. Aspire means the same.

28.(1) Constabulary means a police force covering a particular area or city. Cop means the same.

29.(2) Burgeoning means begin to grow or increase rapidly; flourish. Contract means the opposite.

30.(5) Contestation means the action or process of disputing or arguing. Accord is the correct answer.

31.(2) $x = -\dfrac{12}{16}, -\dfrac{8}{16} = -\dfrac{3}{4}, -\dfrac{1}{2}$;

$y = -\dfrac{30}{10}, \dfrac{-8}{10} = -3, -\dfrac{4}{5}$;

Therefore, x > y.

32.(4) $x = -\dfrac{12}{18}, -\dfrac{6}{18} = -\dfrac{2}{3}, -\dfrac{1}{3}$;

$y = -\dfrac{21}{12}, -\dfrac{8}{12} = -\dfrac{7}{4}, -\dfrac{2}{3}$;

Therefore, $x \geq y$.

33.(3) $x = -\dfrac{10}{8}, +\dfrac{4}{8} = -\dfrac{5}{4}, \dfrac{1}{2}$

$y = +\dfrac{16}{12}, +\dfrac{6}{12} = \dfrac{4}{3}, \dfrac{1}{2}$;

Therefore, $y \geq x$.

34.(1) $x = -\dfrac{51}{17}, +\dfrac{3}{17} = -3, \dfrac{3}{17}$;

$y = \dfrac{26}{13}, \dfrac{6}{13} = 2, \dfrac{6}{13}$

Therefore y > x.

35.(5)   y = 19, x = 19.

36.(1) $24 \div \left(8 \times \dfrac{1}{4}\right) \times \left(\dfrac{16}{100} \times 2850\right) + \dfrac{1}{\sqrt{576}} \times 24 = ?$

$\Rightarrow ? = 12 \times 456 + 1 \Rightarrow ? = 5473.$

37.(2) $? = \dfrac{729}{36} \times \dfrac{49}{2916} \times \dfrac{1296}{588} = 0.75.$

38.(3) $? = \dfrac{245025 + 5757}{853} = 294.$

39.(2) $(0.04)^{14} \times (0.04)^4 \div (0.04)^{12} = (0.04)^?$

or $(0.04)^{14+4-12} = (0.04)^?$ or ? = 6

40.(5) $? = \dfrac{233}{13} \times \dfrac{52}{699} \times \dfrac{123}{11} = \dfrac{164}{11} = 14\dfrac{10}{11}.$

41.(4)   Complete table is

	I	II	III	IV	Total
Aman	75	80	74	85	314
Babu	65	39	60	70	234
Chirag	39	57	80	49	225
Deepak	95	78	65	70	308

Required difference = 314 − 234 = 80

42.(3)   Total runs scored by all = 1081

So, average = $\dfrac{1081}{16} \approx 67$ runs

43.(3)   Required percentage = $\dfrac{95-49}{49} \times 100 \approx 93.8\%$

44.(1)   To make his average runs equal to that of Aman, Bahu must have to score 314-234=80 runs

45.(2)   Required runs = (120% of 225) − (39 + 57 + 50)

= 270 − 146 = 124 runs.

46.(2)   After one year, the interest earned is

$\dfrac{21}{100} \times 20{,}000 = 4200$ $\left(\because \text{Rate} = 10 + 10 + \dfrac{100}{100} = 21\%\right)$

After 2nd year the interest become

$\dfrac{20}{100} \times 24200 = 4840/-$

$\therefore$ Total interest = 4200 + 4840 = 9040 Rs.

47.(2)   Final C.P. for Ramesh = 11250 + 150 + 800 = 12200.

To make a profit of 15%,

the S.P. = $\dfrac{115}{100} \times 12200$ = Rs. 14,030.

48.(2)   Let Raman expense be 100 so Vimal's expense = 90

Aman's expense = 130% of 90 = 117

Now, (100 + 90 + 117) = 6447 i.e. 1 unit = 21

$\therefore$ Aman's expense = 117 × 21 = 2457

49.(2)   Let Sulekha and Arunima age be 9x and 8x

$\therefore \dfrac{9x+5}{8x+5} = \dfrac{10}{9} \Rightarrow x = 5$

$\therefore$ Difference in age = x = 5 years.

50.(5)   Total number of possibility = $^{12}c_2 = \dfrac{12 \times 11}{2} = 66.$

Number of favourable units = $2c_2 = 1$

$\therefore$ probability = $\dfrac{1}{66}$

51.(5)   Total number of ways of arranging the letters of FINANCE = 7!

But N is repeated twice.

$\therefore$ No. of ways of rearranging = $\dfrac{7!}{2!} = 2520$ ways.

52.(3) $\dfrac{D}{12} - \dfrac{D}{20} = \dfrac{18}{60} \Rightarrow D = 9$ km.

53.(1)   Reena's share :

$54000 = \dfrac{84000}{203000} \times x \Rightarrow x = \text{Rs.}1,03,500.$

54.(3)   Let A works in *x* days

$\therefore$ B in $\dfrac{x}{2}$ days

& C in $\dfrac{x}{4}$ days

But $\dfrac{x}{4} = 7 \Rightarrow x = 28$ day

i.e. A completes work in 28 days

B completes work in 14 days

C completes work in 7 days

$\therefore$ (A + B + C)'s 1 day work = $\dfrac{1}{7} + \dfrac{1}{14} + \dfrac{1}{28} = \dfrac{7}{28} = \dfrac{1}{4}$

$\therefore$ They together complete work in 4 days.

55.(1)   11% of salary = 5236.

$\therefore$ salary = $\dfrac{5236 \times 100}{11}$ = Rs. 47,600 per month

Total expenses = (11 + 19 + 7 = 37%) of 47600

= 17612 per month

Therefore yearly expense = 17612 × 12 = Rs. 211344.

56.(3)   ×2 + 1, ×3 + 2, ×4 + 3, ×5 + 4, ×6 + 5

Therefore, 719 × 6 + 5 = 4319.

57.(1) $+0^2 + 0, +1^2 + 1, +2^2 + 2, +3^2 + 3, +4^2 + 4, +5^2 + 5$

Therefore, $48 + 5^2 + 5 = 78.$

58.(3) $+\dfrac{1^3}{2}, +\dfrac{2^3}{2}, +\dfrac{3^3}{2}, +\dfrac{4^3}{2}, +\dfrac{5^3}{2}, +\dfrac{6^3}{2}$

Therefore, $142.5 + \dfrac{6^3}{2} = 250.5.$

59.(1) $+3^2, +5^3, +7^2, +9^3, +11^2$

Therefore, $917 + 11^2 = 1038.$

60.(1) $\div 7, \div 6, \div 5, \div 4, \div 3, \div 2$

Therefore, $24 \div 3 = 8.$

61.(1) $3945.5357 \times 33.584 \approx 132507$

62.(2) $5666.867 + \dfrac{?}{100} \times 5324.4 = 6827.5862$

$\Rightarrow ? = 22$ (approx.)

63.(4) $? = \dfrac{11}{7} + \dfrac{22}{3} + \dfrac{18}{5} = \dfrac{165 + 70 + 378}{105} \approx 13$ (approx.)

64.(5)   √8650 ≈ 93

65.(3)   9546324 ÷ 4584 ≈ 2083

66.(1)
```
X (+) ──── Y (-)
            │
            │
            Z
```

67.(3)
```
K (+)
  │
  │
L (+)
  │
  │
  M
```

68.(4)
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A (+)

B (+) ──── C
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69.(1)   top = 10th, bottom=18th

{(18 + 10) − 1} = 27

70.(4)

71.(1)   I. H > L   (True)

     II. K > T   (False)

72.(5)   I. G < P   (True)

     II. G < J   (True)

73.(2)   I. E ≥ S   (False)

     II. S ≤ N   (True)

74.(4)   I. Y < M   (False)

     II. O > S   (False)

75.(1)   I. V < U   (True)

     II. Z < F   (False)

76-80.

P   R   Q   T   S   **Facing South**
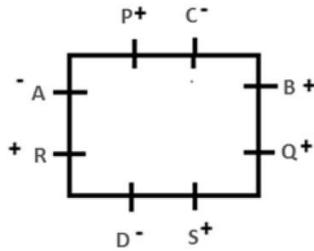
J   N   L   M   K   **Facing North**

76.(2)   77.(4)

78.(1)   79.(3)   80.(5)

81.(2)

82.(4) $2 follow different pattern from others.

83.(2)   G%3

84.(1)   L is 9th element from left after dropping symbols.

85.(3)

86-90.

P+   C‾

‾A   B +

+R   Q+

D‾   S+

86.(5)   87.(1)

88.(4)   89.(3)   90.(2)

91-95.

Q W M V N U S O T P R

91.(2)   U is sitting in the middle of the row.

92.(4)   OTPR are sitting right of S

93.(1)

94.(3)   N is sitting between V and U

95.(3)   P and W will be sitting at the two ends if the positions as given in the question are interchanged.

96-100.

Word	Code
How	La
Are	De
You	Mo
Who	Ma
Go	Sp/wa
There	Wa/sp

96.(4)   97.(2)

98.(5)   99.(4)   100.(4)