IBPS Clerk Preliminary Grand Test –ICP-171009
HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

1.(4)   2.(1)

3.(5)   4.(3)   5.(3)

6.(3) Gloated means dwellon one's own success or another's misfortune with smugness or malignant pleasure. So, Rejoiced is the word which is similar in meaning to it.

7.(1) Accosted means approachand address (someone) boldly or aggressively. So, addressed is the word which is similar in meaning to it.

8.(5) Tormented means causeto experience severe mental or physical suffering. So, tortured is the word which is similar in meaning to it.

9.(4) Convulsed means shake uncontrollably/violently. So, pacified is the word which is opposite in meaning to it.

10.(2) Besiegedmeans surround and harass. So, freed is the word which is opposite in meaning to it.

11.(1) resolve and if are the appropriate words.
Resolve means settle or find a solution to (a problem or contentious matter).

12.(2) competitive and shrinking are the appropriate words.
Competitive means relating to or characterized by competition.

Shrinking means become or make smaller in size or amount.

13.(4) impossible and resistance are the appropriate words.
Impossible means not able to occur, exist, or be done.
Resistance means the refusal to accept or comply with something.

14.(3) forward and sector are the appropriate words.
Forward means onward so as to make progress.

15.(5) option and closure are the appropriate words.
Option means a thing that is or may be chosen.

16.(2) The correct preposition is to be used. We work on something 'for' some time.

17.(2) 'Of' is the correct preposition; it should replace 'for'.

18.(5)

19.(2) A ladder is fixed 'to' the wall, not 'for' it. If instead of 'fixed', the word used is 'placed', the preposition would be 'against'.

20.(4) One appears 'before' an investigation committee, not 'to' it.

21-25. The proper sequence of sentences to form a meaningful paragraph will be BDAEC

21.(4)   22.(1)

23.(5)   24.(2)   25.(3)

26.(2) Indispensable is akin to essential. People cannot be sustainable, measurable or gullible

27.(3) Survival goes with essential the rest of the choices don't make any sense.

28.(4) Enablers are the people who translate plans into action

29.(3)   30.(1)

31.(4) Series is as $\times 1 - 2$, $\times 2 - 3$, $\times 3 - 4$, $\times 4 - 5$, $\times 5 - 6$, $\times 6 - 7$

32.(2) Series is as $\times 1 - 2^2$, $\times 2 - 3^2$, $\times 3 - 4^2$, $\times 4 - 5^2$, $\times 5 - 6^2$, $\times 6 - 7^2$

33.(4) Series is as $\times 1.5$, $\times 2.5$, $\times 3.5$, $\times 4.5$, $\times 5.5$, $\times 6.5$

34.(2) Series is as $\times 1 + 3$, $\times 2 + 3$, $\times 3 + 3$, $\times 4 + 3$, $\times 5 + 3$, $\times 6 + 3$

35.(5) Series is $\times 1$, $\times 2.5$, $\times 3.5(1 + 2.5)$, $\times 6(2.5 + 3.5)$, $\times 9.5(6 + 3.5)$, $\times 15.5(9.5 + 6)$

36.(1) $\dfrac{100x + 220x}{100y + 150y} = \dfrac{4}{5} \Rightarrow \dfrac{320x}{250y} = \dfrac{4}{5}$

$\Rightarrow \dfrac{32x}{25y} = \dfrac{4}{5} \Rightarrow 160x = 100y$

$\therefore \dfrac{x}{y} = \dfrac{10}{16} = \dfrac{5}{8}$.

37.(1) Speed $= \dfrac{800 + 400}{18} = \dfrac{1200}{18}$ m/sec.

$= \dfrac{1200}{18} \times \dfrac{18}{5}$ km/hr $= 240$ km/hr.

38.(5) Work done by C in one day $= \dfrac{1}{x}$

Work done by B in one day $= \dfrac{1}{2x}$

Work done by A in one day $= \dfrac{1}{4x}$

Given $\dfrac{1}{4x} = \dfrac{1}{7} \Rightarrow x = \dfrac{7}{4}$

Required No. of days $= \dfrac{1}{\frac{1}{7} + \frac{2}{7} + \frac{4}{7}} = \dfrac{7}{7} = 1$ days

39.(4) Let age of Nishi and Vinu be 6x and 5x.

$$\therefore \frac{6x+9}{5x+9}=\frac{9}{8} \Rightarrow 48x+72=45x+81$$

$$\Rightarrow 3x=9 \Rightarrow x=3.$$

Therefore required difference = x = 3 yr.

40.(2) Required no. of ways = $^6p_3$ = 120.

41.(2) Cost price = $\frac{100}{115}\times1610=1400$

Gain % = $\frac{1554-1400}{1400}\times100=\frac{154}{14}=11\%.$

42.(2) CI = $4500\left[\left(1+\frac{20}{100}\right)^3-1\right]=3276.$

43.(2) Sum of their ages = 46 × 2 = 92 years.

Age of son = $\frac{7}{23}\times92=28$ year.

44.(3) In 100 L of mixture,

Quantity of milk = 75 L

Quantity of water = 25 L

Now after adding –

Quantity of milk = 75 + 16.2 = 91.2 L

Quantity of water = 25 + 3.8 = 28.8 L

$\therefore$ Required % = $\frac{28.8}{91.2+28.8}\times100$

$=\frac{2880}{120}=24\%$

45.(4) Required runs = 11 × 56 – 10 × 49 = 126.

46.(1) Ratio = $\frac{\text{total number of scale III emloyees}}{\text{total number of scale IV emloyees}}=\frac{950}{450}=\frac{19}{9}$

47.(5) Total number of scale VI employees = 80

and total number of scale I & II together = 4300

So, required % = $\frac{80}{4300}\times100=1.86\%$

48.(4) Required % = $\frac{750-150}{750}\times100=80\%.$

49.(5) Required % = $\frac{120}{489}\times100\approx25\%.$

50.(5) Number of employees in operations deptt. = 1612

Number of employees in personal and systems = 2377

So, Required % = $\frac{1612}{2377}\times100=68(approx)$

51.(3) Average of remaining girls

$=\frac{1050-[(25\times12)+25\times16]}{25}=\frac{350}{25}=14$ yr.

52.(2) $\frac{2}{3}\times\frac{24}{100}\times x=4480 \Rightarrow x=28000.$

53.(3) Ratio of days = $\frac{1}{54}:\frac{1}{81}=\frac{1}{6}:\frac{1}{9}=\frac{1}{2}:\frac{1}{3}=3:2.$

Amit = $\frac{12}{3}\times2=8$

Required days = $\frac{1}{\frac{1}{12}+\frac{1}{8}}=\frac{1}{\frac{5}{24}}=\frac{24}{5}=4.8.$

54.(1) Required average speed

$=\frac{\text{Total Distance}}{\text{Total time}}=\frac{49+36}{75}\times60$

$=\frac{4}{5}\times85=68$ kmph

55.(3) Area of cube = $6\times8^2=384$ sq. feet.

Req. quantity of paint to cover this Area = $\frac{384}{16}=24$ kg.

Required cost = 36.50 × 24 = Rs. 876.

56.(5) 57.(4)

58.(5) 479.99 – 269.905 = 210.085.

59.(2) $?^2 = 28 \times 112$, ? = 56

60.(1) $80\sqrt{(?)}=320, ?=16$

61.(2) 36964 – 23752 = 3(?), therefore ? = 4404.

62.(2) $\frac{406}{12}+\frac{329}{12}+\frac{735}{12}=61\frac{1}{4}$

63.(2) ? = –(7429 – 4358 – 8597)
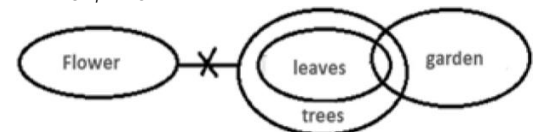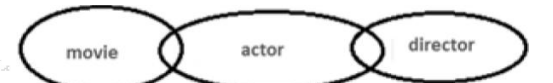
? = 5526

64.(5) $\frac{100\times(675+595)}{3175}=? \Rightarrow ?=40.$

65.(3) $x^2 = \sqrt{81}$, x = 3

66.(4)

67.(5)

68.(4)

69.(5)

70.(2)

71-75.

71.(4) 72.(3)
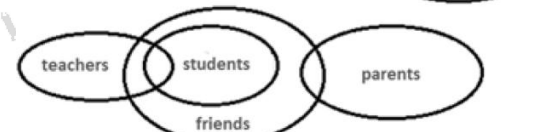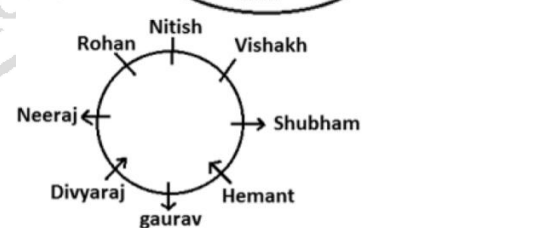
73.(3) 74.(5) 75.(1)

76-80. Water→Ko

Sky→Ti

Bird→Cu

Desk→de

Book→Pa

In→Su

Land/food/Animal→mo/je/pe

76.(4) 77.(4)

78.(2) 79.(1) 80.(5)

81-85.

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├─ Z
├─ F
├─ Y
├─ X
├─ V
Facing east ─ M
├─ E
├─ H
├─ U
├─ N
├─ G
└─ W
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81.(2)   82.(4)
83.(1)   84.(2)   85.(3)
86.(1)   N = O < K   (True)
         P ≤ K < O = N ≤ M   (False)
87.(2)   A > B ≥ E = G   (False)
         F = C ≥ A > B   (True)
88.(4)   R ≥ S > T = J < N < Q (False)
         N > J = T < S   (False)
89.(3)   G ≥ Q = F   (False)
         F = Q ≤ G   (False)
90.(5)   Z > Y ≥ X = W   (True)
         Y ≥ X = W ≥ V   (True)
91.(1)   L=7th
         R=6th
         R=13th
92.(3)   %9, #7, ©4
93.(5)   E@Z
94.(4) $L, ★ B, @Z
95.(2)   L=4th
         R=12th
         R=16th
96.(4)   After following given directions, Prem is 5 km and in north-east direction from the starting point.
97.(2)   Raj started walking towards west.
98.(5)   Village D is in south-west direction with respect to village C.
99.(4)   Lady is cousin (maternal sister of Rohan)
100.(4) Priya is wife of Pritam.