IBPS Clerk Preliminary Grand Test –ICP-181110
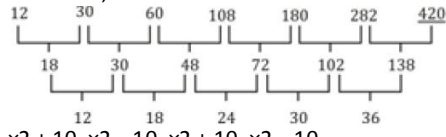## HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

1-5. The proper sequence of sentences to form a meaningful paragraph will be **BADFCE**

1.(5) 2.(2)
3.(1) 4.(3) 5.(4)
6.(3) **Dispute** means a disagreement or argument.
7.(2)
8.(5) **Subsidized** means support (an organization or activity) financially
9.(2) **Plagued** means to cause continual trouble or distress .
10.(4)
11.(2) The Fall and Rise of a Merchant is the most suitable title of the passage. The passage is mainly emphasized on the fall and rise in life of merchant
12.(2) The reason is clearly mentioned in the second paragraph of the passage which says that "the merchantcaught him by the neck and ordered his servants to have him thrown out. The royal servant felt very insulted"
13.(3) After knowing that the merchant was innocent the king invited the himto the palace and flattered him with gifts, jewels and garments. He re-appointed the merchant to his previously held position, and favoured his services as before.
14.(5) "One should treat one and all, even the lowest, with respect." is the moral of the story
15.(1) When the servant was nearby, heshouted at the guards, "Ho Guards! That merchant is favoured by the king. He is

a powerful person. He can have people arrested or released or even thrown out, just like he had me thrown out of his daughter's reception. Beware, for you may suffer the same fate." On hearing this, the merchant understood that the servant has caused all this trouble somehow.

16.(2) When merchant apologized for misbehaving with servant in a reception partyhe ensured the merchant, "I will prove you how clever I am. I will have the king favourable towards you, like he was before
17.(3) **Mumbling means** say something indistinctly and quietly, making it difficult for others to hear. So, muffling is the word which is similar in meaning to it.
18.(5) Slack means lacking in activity. So, sluggish is the word which is similar in meaning to it.
19.(4) **Flattered means** cause (someone) to feel honoured and pleased. So, offended is the word which is opposite in meaning to it.
20.(4) **Dejected** means sad and depressed. So, cheerful is the word which is opposite in meaning to it.
21.(4) 22.(2)
23.(1) 24.(4) 25.(5)
26.(1) 'Your over-dependence on' is the correct usage. As 'dependent' is an adjective, its noun form will be used as a subject.
27.(5) No error
28.(4) The word 'indifferently' has wrongly been used. It should be replaced with its noun form 'indifference'.
29.(1) 'Everybody' is a singular noun. Hence, the correct verb should be 'knows', not 'know'
30.(5) No error
31.(4) ×4, ×3, ×2, ×4, ×3, ×2, ...
Therefore 576 × 4 = 2304.
32.(2) +10, +12, +14, +16
Therefore, 73 + 18 = 91.
33.(4) 1 × 5 + 10, 15 × 6 + 12, 102 × 7 +14, 728 × 8 + 16
Therefore, 5840 × 9 + 18 = 52578.
34.(2)

35.(1) ×2 + 10, ×2 – 10, ×2 + 10, ×2 – 10 ....
36.(4) Maximum marks of the test = (100/35)(175 + 35) = 600
37.(5) Required amount = (550/1000)x44x45 = Rs 1089.
38.(2) Circumference of the circle = 22 x 22 = 484 cm
Diameter of the circle = (7/22) x484 = 154 cm
Length of the rectangle = 152 x 2 = 308 cm And breadth of the rectangle = (1/2)x(668-308) = (334 – 308)= 26 cm
39.(5) The smallest angle of parallelogram $= \frac{2 \times 180}{2+3} = 72°$.

And the smallest angle of quadrilateral $= \frac{1}{2} \times 76° = 36°$

So, largest angle of quadrilateral = 4 × 36° = 144°.
Hence, required sum = (144 + 72) = 216°.

40.(4) No. of boys = (64/100) x 2000 = 1280
No. of girls = (36/100) x 2000 = 720
Monthly fee of each girl = (75/100) x 480 = 360
Hence, required sum = (1280 x 480 + 720 x 360)
= (614400 + 259200) = Rs 873600

41.(2) $\frac{63252}{?} = 158.13 \Rightarrow ? = 400$.

42.(2) $64 + \sqrt{(?)} = 119$
$\sqrt{(?)} = 55$
$? = 55 \times 55 = 3025$.

43.(3) $70383 - 44102 = 26281$

44.(5) $231.04 - \frac{103.04}{?} = 8 ? = \frac{103.04}{223.04} = 0.46$ (approx.)

45.(2) $\frac{0.6}{0.2} = 3$

46.(2) Let required people $= x$
$\therefore \frac{3500+x}{4500} = \frac{11}{9}$

$x = 2000$

47.(3) Total No. = 25000
No. of people from Q and U together = 8000
$\therefore$ Required percentage $= \frac{8000}{25000} \times 100 = 32\%$

48.(1) 18% of the total No. of people $= \frac{18}{100} \times 25000 = 4500$
Required cities = P, S, U

49.(4) Required % $= \frac{4500 - 3500}{3500} \times 100$
$= \frac{1000}{3500} \times 100$
$= 28.59$
$\approx 29\%$

50.(5) Ratio = 4000 : 5000 = 4 : 5

51.(3) $\frac{x}{y+1} = \frac{1}{2}, \frac{x+1}{y} = 1$
$\Rightarrow x = 2, y = 3, \frac{x}{y} = \frac{2}{3}$.

52.(1)
A : B : C
2 : 3 : 5
3 → 1200

i.e. B's salary = Rs. 1200
B's annual salary = Rs. 14400

53.(1) $x : y : z = 9 : 6 : 4$
$(9x)^2 + (6x)^2 + (4x)^2 = 532$
$x^2 = 4, x = 2$
$6x = 12$

54.(2) $144000 \times \frac{105}{100} \times \frac{90}{100} \times \frac{115}{100} = 156492$

55.(2) 10% of SI = 150
Sum $= \frac{150}{10} \times 100 = $ Rs. 1500

56.(3) $(2)^{7.2 + 4.8 - 4} = (2)^? \Rightarrow ? = 8$.

57.(2) $187 - 18 = 169$

58.(1) $28 \times 11.25 = 315$

59.(2) $? = \frac{64896}{312 \times 26} = 8$

60.(3) $14 \times 2 \times 8 \times 5 = 1120$

61.(4) $n(s) = 16c_5 = 4368$
$n(E)$ when there is no blue ball $= 11c_5 = 462$
$\therefore$ Required probability $= 1 - \frac{462}{4368} = \frac{3906}{4368} = \frac{93}{104}$
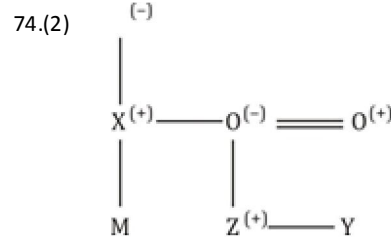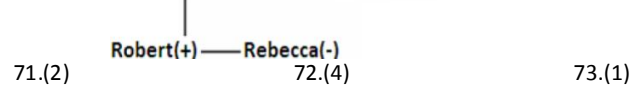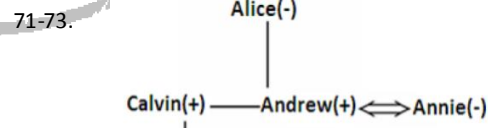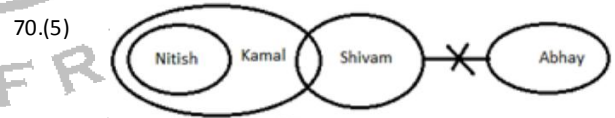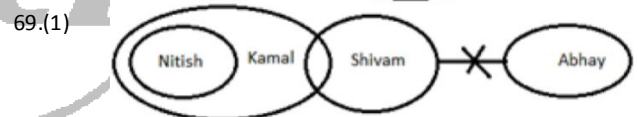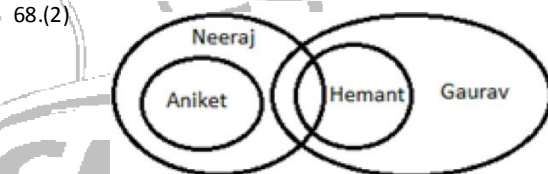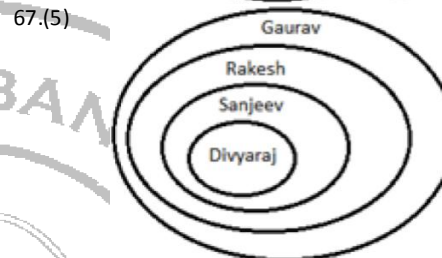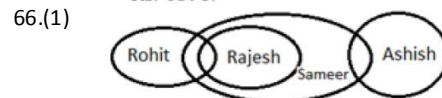
62.(1) The letters to be arranged are D, F, F, R, N, T, L (I E E I A)
F, E & I are repeated twice
$\therefore$ No. of ways of arrangements $= \frac{8! \times 5!}{2! \times 2! \times 2!} = \frac{4838400}{8}$
$= 604,800$

63.(3) Since Ratio of side and diagonal of a square $= 1 : \sqrt{2}$.
Therefore ratio of area of square made on side and diagonal
$= \frac{1^2}{(\sqrt{2})^2} = 1 : 2$.

64.(1) 1 Man's on day work $= \frac{1}{43 \times 3}$
1 woman's one day work $= \frac{1}{43 \times 4}$
$\therefore$ 7 men and 5 women work in 1 day $= \frac{7}{43 \times 3} + \frac{5}{43 \times 4} = \frac{1}{12}$
So, In 12 days work will be completed

65.(5) Ratio of investment of A, B and C = 7 : 14 : 9
Therefore C's share in profit $= \frac{9}{30} \times 24000 = $ Rs. 7200
Amount remained with C = 68% of 7200
= Rs. 4896.

66.(1)

67.(5)

68.(2)

69.(1)

70.(5)

71-73.

71.(2) **72.(4)** **73.(1)**

74.(2)

75.(1)

```
F (+)
|
|
C (–) ——— A (+) ——— B ( )
                      |
                      |
              E (–) ——— D (+)
```
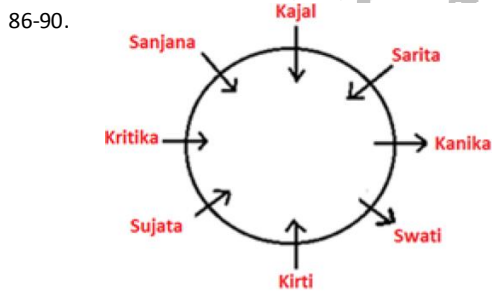
76-80.

```
┌────┬────┬────┬────┐
D    F    H    G    E   (Facing South)


┌────┬────┬────┬────┐
T    W    V    U    X   (Facing North)
```
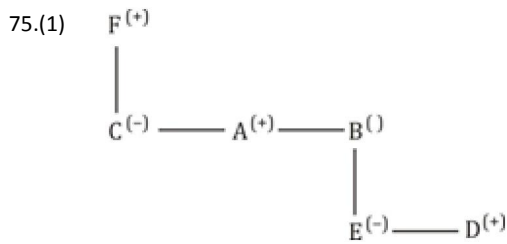
76.(1)   77.(5)
78.(5)   79.(3)   80.(2)
81.(1)   I. M < L   (True)
          II. R < L   (False)
82.(4)   I. T = W   (False)
          II. T < W   (False)
83.(3)   I. J ≤ L   (False)
          II. J > L   (False)
84.(2)   I. R ≥ F   (False)
          II. M > F   (True)
85.(5)   I. K > L   (True)
          II. H ≥ F   (True)

86-90.

86.(4)   87.(3)
88.(3)   89.(2)   90.(2)

91-95.

Shoe	Day
E	Monday
F	Tuesday
C	Wednesday
D	Thursday
B	Friday
A	Saturday

91.(3)   92.(2)
93.(4)   94.(3)   95.(5)

96-100.

Word	Code
park	ud
the	hu
play	kl
to	et
go	ge
of/children	dr/cx
full	bo
time	sy

96.(2)   97.(1)
98.(1)   99.(5)   100.(1)