# IBPS Clerk Preliminary Grand Test –ICP-181121
## HINTS & SOLUTIONS

### ANSWER KEY

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

### HINTS & SOLUTIONS

1.(1) Abhiram didn't meditate to have prosperity; he refused to sell the painting to the boy because the boy was the son of the new royal minister who had stolen Abhiram's father's fortune; and it is not mentioned that Abhiram had been a business man once .So all the options cannot be said about Abhiram.

2.(4) Read the 1st two sentences of the paragraph 3 ,"This was the only form of worship known to him".

3.(1) I and II are not true in context of the passage; (III) is, as evident from paragraphs 1 and 2.

4.(4) When Abhiram refused to sell his painting that only made the child want the picture even more and hence he sent a bagful of coins.

5.(3) He fell tormented, refer to the 3rd paragraph of the passage, "the face of his God was beginning to look more and more like the minister".

6.(5) Abhiram's 'fingers stilled to a halt' it was the first reaction.

7.(3) **Audacity** means rude or disrespectful behaviour; impudence hence insult is the word most similar in meaning.

8.(2) **Idea** means a thought or suggestion as to a possible course of action hence understanding is the word most similar in meaning.

9.(1) **Gain** means to obtain or secure (something wanted or desirable) hence lose is the word most opposite in meaning.

10.(5) Dogged means 'stubborn' and 'obstinate' hence unsure is the word most opposite in meaning.

11. (4) Replace with 'set government property on fire'

12. (1) Replace 'line' with 'lining'

13. (5) No error

14. (1) Replace 'after' with 'at'

15. (5) No error

16. (3) Delete 'to'

17. (2) Replace 'is' with 'was' as sentence starts in a past tense ends in past tense.

18.(3) Replace 'against' with 'for'

19. (3) Replace 'where' with 'when'

20. (5)

21.(4)

22.(2)

23.(3)

24.(1)

25.(2)

26.(5) No correction is required.

27.(3) Twins are usually similar in appearance but to say that "nobody believed they were twins" means they were different in appearance

28.(3) When a person starts doing something after completing a job, we use "Having + V3 +...."

29.(1) After 'one of' a plural noun is used. Hence 'the function' should be 'the functions'

30.(4) The use of 'each' in the sentence suggests a singular number hence 'their' should replace with 'his'

31.(3)
$$3 \quad 14 \quad 39 \quad 84 \quad 155$$
$$= n^3 + n^2 + n \qquad \text{put } n = 1, 2, 3, 4 ....$$
$$6^{th} \text{ term} = 216 + 36 + 6 = 258$$

32.(4) $+(1^2+2), + (3^2 + 4), (5^2 + 6), + (7^2 + 8) + (9^2 + 10)$
$$109 + 91 = 200.$$

33.(5) $\times 1 + 1, \times 2 - 2, \times 3 + 3, \times 4 - 4, \times 5 + 5$
$$440 \times 5 + 5 = 2200 + 5 = 2205.$$

34.(1) $\times 1.5, \times 2, \times 2.5, \times 3, \times 3.5$
$$540 \times 3.5 = 1890$$

35.(3) $+55, -45, +35, -25, +15$
$$170 + 15 = 185.$$

36.(2) Required cost $= \dfrac{200000 - 12 \times 12500}{8} = 6250.$

37.(4) Net change $= 20 - 25 - \dfrac{25 \times 20}{100} = 0 - 5 - 5 = -10\%.$

38.(1) Required % $= \dfrac{40}{140} \times 100 = \dfrac{2}{7} \times 100 = 28\dfrac{4}{7}\%.$

39.(3)
$$19 - 6\tfrac{1}{2} = 12\tfrac{1}{2}\% \text{ of profit} = 1250$$
$$12.5\% \text{ of profit} = 1250$$
$$\therefore 1\% \text{ of profit} = \tfrac{1250}{12.5} = 100$$
$$\therefore \text{Cost price} = 100 \times 100 = 10000$$

**40.(1)**
$$SI = \frac{P \times R \times T}{100}$$
$$x = \frac{x \times 5 \times r}{100}$$
$$r = 20\%$$
$$\therefore \text{Time} = \frac{100 \times 7x}{x \times 20}$$
$$= 35 \, yr$$

**41. (4)**
$$\frac{45^3 + 65^2}{1907} = ?$$
$$? = 50$$

**42. (1)**
$$\frac{7}{4} + \frac{8}{3} + \frac{5}{2} - \frac{1}{6} = ?$$
$$\frac{21 + 32 + 30 - 2}{12} = ?$$
$$? = 6\frac{3}{4}$$

**43. (1)** ? = 920.68

**44. (4)**
$$\frac{22440}{34 \times 12} = \sqrt{?}$$
$$55 = \sqrt{?}$$
$$? = 3025$$

**45. (1)**
8888 + 848 + 88 – (7337 + 737) = ?
9824 – 8074 = 1750

**46.(5)** There are two machine – III and VI

**47.(5)** 1997, Machine IV

**48.(4)** $\frac{2006}{1199} \times 100 \approx 165\%$.

**49.(3)** $3346 \div 5 = 669.2$.

**50.(3)** Machine II and Machine V

**51.(5)** Work done by waste pipe in 12 minutes
= Work done by filling pipes in 2 minutes $= \frac{5}{12}$
Therefore, bath would be emptied by waste pipe in
$\frac{12 \times 12}{5} = \frac{144}{5}$ min. $= 28\frac{4}{5}$ min.

**52.(3)** (A + B)'s one day work $= \frac{1}{10}$
$\therefore$ A's one day work $= \frac{1}{10} - \frac{1}{20} = \frac{1}{20}$
Remaining work $= 1 - \frac{4}{20} = \frac{4}{5}$
$\therefore$ Days taken by A to complete remaining work = 16 days.

**53.(1)** Total C.P. = Rs. 800
S.P. of 30 kg wheat $= \frac{110}{100} \times 10 \times 30 = 330$
To earn overall 15% profit, Total S.P. $= \frac{115}{100} \times 800 =$ Rs. 920
$\therefore$ S.P. of remaining wheat $= \frac{920 - 330}{50} =$ Rs. 11.80

**54.(5)** Let $x$ be the required quantity of water,
Then ATQ, $\frac{\frac{7}{9} \times 729}{(\frac{2}{9} \times 729) + x} = \frac{7}{3}$ or $x = 81$ m$\ell$

**55.(3)** Difference = 0.16 % of P = Rs. 2
$\therefore P = \frac{2}{16} \times 100 \times 100 =$ Rs.1250

**56. (2)** 24.424 + 5.656 + 1.131 + 0.089 = ?
? = 31.3

**57. (5)**
$$\frac{23}{7} - \frac{29}{14} + \frac{8}{7} - \frac{29}{14} = ?$$
$$? = \frac{2}{7}$$

**58. (5)** 0.001 – 0.0001 + 0.01 = ?
? = 0.0109

**59. (5)**
$$\sqrt{25 \times 14 - 42 + (4)^?} = 18$$
$$308 + (4)^? = 324$$
$$4^? = 16$$
$$? = 2$$

**60. (2)** 454.58 + 121.48 – (376.89 + 95.42) = ?
? = 576.03 – 472.31 = 103.72

**61.(4)** Speed of train $= \frac{150}{15} = 10 m/sec$.
Let speed of second train = x m/sec
$\therefore (10 + x) = \frac{150 + 150}{8}$
$10 + x = \frac{300}{8}$
$x = \frac{55}{2}$ m/sec $= \frac{55}{2} \times \frac{18}{5}$ km/hr
$= 11 \times 9 = 99$ km/hr

**62.(1)** Walk + Ride = 8 hr.
2 × Ride = 6 hr
$\therefore$ 2 × walk = 10 hr

**63.(1)** Due to stoppages, it cover 5 km less
Time taken to cover 5 km $= (\frac{5}{50} \times 60)$ min
= 6

**64.(2)** 5! = 5 × 4 × 3 × 2 × 1 = 120.

**65.(2)** Probability $= \frac{4}{36} = \frac{1}{9}$.

**66.(1)** I. Y > R        (True)
II. R > Z       (False)

**67.(4)** I. S = Q       (False)
II. X > Q       (False)

**68.(4)** I. R < S       (False)
II. S < W       (False)

**69.(3)** I. Z = X       (False)
II. Z > X       (False)

**70.(1)** I. Y > R        (True)
II. R > Z       (False)

**71–75.** 547    247    465    742    343

**71. (2)** Only 465 will be divisible by 3 when added 3 to second digit of each number.

**72. (1)** 754 742 654 742 433

**73. (1)** 4÷2=2

**74. (1)** 848 548 766 1043 644

**75. (1)** 745 742 564 247 343

**76-80.**

| ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ |
|---|---|---|---|---|---|---|---|
| V | R | Q | S | P | X | T | W |

**76.(2)**
**77.(2)**
**78.(2)**
**79.(2)**
**80.(4)**

**81.(1)**
E R H B M T
↓ ↓ ↓ ↓ ↓ ↓
% 1 @ $ 6 ©

**82.(2)**
P Q G A L E
↓ ↓ ↓ ↓ ↓ ↓
7 2 # 8 9 %
But here first letter is a consonant and the last letter is a vowel, so both are to be coded as the code for the consonant.
So, the code is : 7 2 # 8 9 7

**83.(4)**
E M T A H A
↓ ↓ ↓ ↓ ↓ ↓
% 6 © 8 @ 8

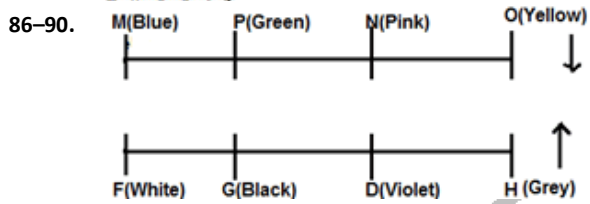Since, here both the first and the last letter of the group are vowels, so their codes are to be interchanged.

So, the code is : 8 6 © 8 @ %.

84.(3)

B Q R L H A
↓ ↓ ↓ ↓ ↓ ↓
$ 2 1 9 @ 8

But here first letter is a consonant and the last letter is a vowel, so both are to be coded as the code for the consonant.

So, the code is : $ 2 1 9 @ $

85.(5)

R G M A L B
↓ ↓ ↓ ↓ ↓ ↓
1 # 6 8 9 $

**86–90.**

M(Blue)    P(Green)    N(Pink)    O(Yellow)
|———|———|———|
↓

F(White)   G(Black)    D(Violet)    H (Grey)
|———|———|———|
↑

86. (5)
87.(4)
88.(3)
89.(5)
90.(3)

91-95.

| Published | Jo |
|---|---|
| Authority | Pi |
| Notification | See |
| Government | Mo |
| By | Ga |
| Of | Ti |
| The/indian | Doo/nee |

91.(1)
92.(3)
93.(4)
94.(3)
95.(1)
96.(1)
97.(2)
98.(3)

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

99.(4)

T E A C H E R

100.(2)  7 3 2 8 9 5

2 3 5 7 8 9