

## IBPS Clerk Mock Test 4

Q.1. A dealer deals only in Music systems and LED TV. He wants to spend up to ₹12 lakhs to buy 100 pieces. He purchases a Music system at Rs.10,000 and a LED TV at ₹15,000 each. He sells a Music System at ₹12,000 and a LED TV at ₹17,500 each. What is the profit percent earned in selling one Music system?

- A. 21%
- B. 22%
- C. 20%
- D. 21.67%
- E. 16.67%

**Answer: C**

**Solution 1:** Selling price of one music system = ₹12,000

Cost price of one music system = ₹10,000

Profit% =  $(S.P - C.P) / C.P \times 100$

=  $(12000 - 10000) / 10000 \times 100$

= 20%

**Directions (2-3)** In the given number series, one number is inappropriate as per the pattern followed. Find the wrong number in the number series.

Q.2.

1      50      86      112      127      136

- A. 112
- B. 50
- C. 1
- D. 127
- E. 136

**Answer: A**

**Solution 2:**

$1 + 72 = 50$

$50 + 62 = 86$

$86 + 52 = 111$

$111 + 42 = 127$

$127 + 32 = 136$

Q 3.

515      258      132      68      37

- A. 258
- B. 68
- C. 37
- D. 515
- E. 132

**Answer: D**

**Solution 3:**

$$512 \div 2 + 2 = 258$$

$$258 \div 2 + 3 = 132$$

$$132 \div 2 + 2 = 68$$

$$68 \div 2 + 3 = 37$$

**Directions (4-6)** Read the data given the table carefully and answer the following questions: The table below gives details about the population of five cities A, B, C, D and E. The ratio of the number of men to the number of women in each city is also mentioned.

Year	Total Population	Ratio of men : women
City A	15,00,000	2:3
City B	21,34,500	3:7
City C	36,50,000	6:4
City D	50,00,000	3:2
City E	51,20,000	1:4

Q 4. What is the ratio between the numbers of women in city 'A' to the number of women in city 'D'?

- A. 20:9
- B. 9:20
- C. Cannot be determined
- D. 2:3
- E. 3:2

**Answer: B**

**Solution 4:** Number of women in City 'A' =  $\frac{3}{5} \times 15,00,000 = 9,00,000$

Number of women in city 'E' =  $\frac{2}{5} \times 50,00,000 = 20,00,000$

Ratio =  $9,00,000 / 20,00,000 = 9:20$

Q 5. What is the total number of women in city 'A', 'C' and 'E' together?

- A. 64,56,000
- B. 64,57,000
- C. 63,56,000
- D. 64,45,000
- E. None of the above

**Answer: A**

**Solution 5:** Number of women in city 'A' =  $\frac{3}{5} \times 15,00,000 = 9,00,000$

Number of women in city 'C' =  $\frac{4}{10} \times 36,50,000 = 14,60,000$

Number of women in city 'E' =  $\frac{4}{5} \times 51,20,000 = 40,96,000$

Total women in city 'A', 'C' and 'E' together =  $9,00,000 + 14,60,000 + 40,96,000 = 64,56,000$

Q 6. What is the total number of men in city 'D' and city 'B' together?

A. 36,50,000

B. 36,45,000

C. 36,40,350

D. 35,40,350

E. None of the above

**Answer: C**

**Solution 6:** Number of men in city 'D' =  $\frac{3}{5} \times 50,00,000 = 30,00,000$

Number of men in city 'B' =  $\frac{3}{10} \times 21,34,500 = 6,40,350$

Total men in city 'D' and city 'B' =  $30,00,000 + 6,40,350 = 36,40,350$

Q.7. What will come in place of question mark (?).

Give an approximate value  $39.99\%$  of  $440.01 + ?\%$  of  $654.99 = 228.5$

A. 5

B. 9

C. 2

D. 4

E. 8

**Answer: E**

**Solution 7.**  $(440 \times 40)/100 + (655 \times ?)/100 = 228$

$\Rightarrow 176 + (655 \times ?)/100 = 228$

$\Rightarrow (655 \times ?)/100 = 228 - 176$

$\Rightarrow ? = (52 \times 100)/655$

$\Rightarrow ? = 8$

Q.8. As per the given equation, mark the correct answer:

Equation I:  $x^2 = 4$

Equation II:  $y^2 + 4y = -4$

A.  $x > y$

B.  $y > x$

C.  $x = y$

D.  $x \leq y$

E.  $x \geq y$

**Answer: E**

**Solution 8:**

Equation I:  $x^2 = 4$

$\Rightarrow x = -2$  or  $+2$

Equation II:  $y^2 + 4y = -4$

$$\Rightarrow y^2 + 2y + 2y + 4 = 0$$

$$\Rightarrow y = -2 \text{ or } -2$$

Q.9. A bucket contains 3 black, 2 orange and 5 purple balls. If three balls are drawn at random, what is the probability that at least 1 is purple?

- A. 11:12
- B. 12:11
- C. 5:6
- D. 6:5
- E. None of the above

**Answer: A**

**Solution 9:** Total number of possible outcomes =  $10C_3 = \frac{10 \times 9 \times 8}{3 \times 2} = 120$

Favourable cases: 1 purple ball and 2 other balls + 2 purple balls and 1 other ball + 3 purple balls

$$= 5C_1 \times 5C_2 + 5C_2 \times 5C_1 + 5C_1$$

$$= 5 \times 10 + 10 \times 5 + 10$$

$$= 110$$

$$\text{Required probability} = 110:120 = 11:12$$

Q.10. A bus travels the first 55 km in 40 minutes and the remaining 75 km in 70 minutes. What is the average speed of the bus?

- A. 50 km/hr
- B. 45 km/hr
- C. 65 km/hr
- D. 80 km/hr
- E. 60 km/hr

**Answer: C**

**Solution 10:** Total distance travelled by the bus = 55 km + 75 km  
= 130 km

Total time taken to cover 130 km = 40 minutes + 70 minutes

$$= 120 \text{ minutes}$$

$$= 120/60 \text{ hours}$$

$$= 2 \text{ hours}$$

Therefore, average speed of the bus = 130 km/2 hours

$$= 65 \text{ km/hr}$$

**Directions:** Fill in the most appropriate word/words using the given set of options to make the sentence meaningful.

Q. 11. The recent commotion in the country will \_\_\_\_\_ and peace will be reinstated.

- 1. blow over
- 2. permeate
- 3. blow past
- 4. come to pass

A. Only 1

- B. Only 2
- C. Both 3 and 4
- D. Only 3
- E. Only 4

**Answer A**

**Directions:** Choose a suitable substitute from the given options for the underlined expression.

Q.12. Mr. Tim needs to take his car to the mechanic because it is functioning improperly again.

- 1. broke down
- 2. acting up
- 3. died down
- 4. crashed

- A. Only 1
- B. Only 2
- C. Only 3
- D. Only 4
- E. None of the above.

**Answer B**

**Directions:** Each sentence forms a paragraph. Identify the sentence(s) or part(s) of sentence(s) that is/are correct in terms of grammar and usage (including punctuation, spelling and logical consistency). Then, choose the most appropriate option.

Q.13.

- 1. I did not know what to make of you.
- 2. Because you'd lived in India, I associate you more with my parents than with me.
- 3. And yet you were unlike my cousins in Calcutta, who seemed so obedient and innocent when I visited them.
- 4. You were not curious about me in the least.
- 5. Although you did make an effort to meet me.

- A. Only 1
- B. Both 1 and 2
- C. Both 1 and 5
- D. Only 4
- E. Both 1 and 4

**Answer A**

**Directions:** In the question given below, a word has been used in sentences in five different ways. Find the sentence(s) in which the usage of word is incorrect and choose the appropriate option.

Q.14. **Buckle**

- 1. The accused did not buckle under police interrogation.

2. Sometimes, an earthquake can make a bridge buckle.
3. After the long hike our knees were beginning to buckle.
4. The horse suddenly broke into a buckle.
5. People should learn to buckle up as soon as they get into a car.

- A. Both 1 and 2
- B. Only 3
- C. Only 4
- D. Both 3 and 4
- E. Both 1 and 5

**Answer C**

**Direction:** In the question given below, there are five sentences having pair of words or phrases that are highlighted as [A] and [B]. Select the most appropriate word or phrase to form the correct sentences. Then, select the best one from the options given.

Q.15.

1. If you want to complain about the amenities in your neighbourhood, please meet your [A]councillor/ [B] counsellor.
2. Anita wore a beautiful [A] broach / [B] brooch on the lapel of her jacket.
3. I would like your [A] advice / [B] advise on which job I should choose.
4. Jeans that [A] flair / [B] flare at the bottom are in fashion these days.
5. The last scene provided a [A]climactic / [B]climatic ending to the film.

- A. ABABA
- B. BABAA
- C. BABAB
- D. BAAAB
- E. BAABA

**Answer A**

**Directions:** Paragraph given below has one highlighted word that does not make sense. Choose the most appropriate replacement(s) for that word from the given options.

Q.16.

Intelligent design derives from an early 19 century explication of the natural world given by an English clergyman, William Paley. Paley was the populariser of the notorious watchmaker analogy. Promoters of intelligent design are **crupping** Paley's argument with a fresh lustre from molecular biology.

1. Wrecking
2. Testing
3. Resurrecting
4. Destroying

- A. Only 1
- B. Only 2
- C. Only 3
- D. Only 4

E. Both 2 and 3

**Answer C**

**Directions:** The question given below contains statements numbered (1-6) followed by five options in combinations of three. You have to choose that set in which the third statement logically follows from the first two.

Q.17.

1. A. No mother is a nurse.
2. No woman is a prude.
3. Some nurses like to work.
4. Some prude are nurses.
5. Some nurses are women.
6. All women like to work.

- A. 125
- B. 354
- C. 653
- D. 256
- E. 542

**Answer C**

Q.18. In a certain code 'OFFICER' is written as 'PEGHDDS' then what will be the code for FRIENDS?

- A. GQJEOCT
- B. GQJDOCT
- C. GRJEOCT
- D. GOJDOCT
- E. None of the above

**Answer B**

**Solution 18:**

O(+1) F(-1) F(+1) I(-1) C(+1) E(-1) R(+1)

⇒ PEGHDDS

F(+1) R(-1) I(+1) E(-1) N(+1) D(-1) S(+1)

⇒ GQJDOCT

Q.19. Eleven friends Mink, Nick, Om, Pari, Qazi, Ram, Sita, Tarun, Umesh, Varun and Wasim are sitting in the first row of the picture hall. Tarun is to the immediate left of Pari and third to the right of Umesh. Varun is the immediate neighbour of Mink and Nick and third to the left of Sita. Mink is the second to the right of Qazi, who is at one of the ends. Ram is sitting next to the right of Pari and Pari is second to the right of Om.

Who is sitting at the centre of the row?

- A. M
- B. N
- C. S
- D. O
- E. U

**Answer: E**

**Solution 19:** The sitting arrangement of friends is as follows  
Qazi, Wasim, Mink, Varun, Nick, Umesh, Sita, Om, Tarun, Pari, Ram.  
Therefore, Umesh is sitting in the centre of the row.

**Directions 20-23:** Study the information carefully to answer the following questions.

Eight friends namely A, B, C, D, E, F, G and H are sitting in a circular manner but not necessarily in the same order. Three of them are facing out and five are facing towards the centre. E is third to the right of C. F is sitting third to the left of E. Only three persons are sitting between F and B. H is sitting third to the right of F, who is not facing the centre. D is sitting third to the right of A, who is not facing the centre.

Q.20. Who sits between F and A?

- A. B
- B. C
- C. E
- D. H
- E. G

**Answer D**

Q.21. Who among the following sits second to the right of B?

- A. D
- B. C
- C. E
- D. F
- E. G

**Answer E**

Q.22. What is the position of C with respect to H?

- A. Third to the right of H
- B. Second to the left of H
- C. Third to the left of H
- D. C is in front of H
- E. None of the above

**Answer C**

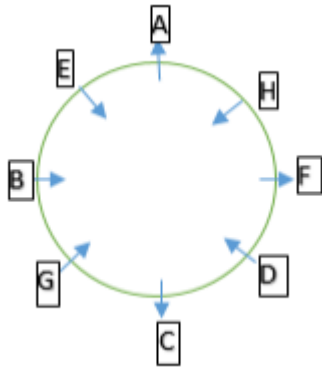
Q.23. Which of the following group is facing away from the centre?

- A. ACF
- B. CFD
- C. ABC
- D. DEF
- E. None of these

**Answer A**

**Solution (20-23)**





**Directions (24-25):** Study the following information and answer each of the questions given below.

If 'C @ D' means 'D-C'

If 'C \* D' means 'C X D'

If 'C \$ D' means 'C + D'

If 'C # D' means 'C / D'

Q.24. If the cost of 10 pencils is Rs. 40, how many pens can be bought for Rs. 1000?

A.  $50 * 4 \# 100 * 10 \$ 5$

B.  $50 \$ 4 * 100 \# 10 * 5$

C.  $20 * 2 \# 200 \$ 5 * 10$

D.  $20 \# 2 @ 100 * 25$

E. None of the above

**Answer: A**

**Solution 24:**

$* = X$	$@ = -$
$\$ = +$	$\# = +$

Number of pens that can be bought from Rs.1000 =  $(1000 X 10) / 40 = 25$

Q.25. 200% of P = 60% of R, therefore find the value of R.

A.  $2 * P * 100 \# 6$

B.  $P * 10 \# 3$

C.  $200 * P \# 100 * 50$

D. None of the above

E. Cannot be determined

**Answer A**

**Solution 25:**

$* = X$	$@ = -$
$\$ = +$	$\# = +$

$(200 / 100) P = (60 / 100) R$

Therefore,  $R = 200 P / 60 = (10 / 3) P$