

CMAT 2024 Slot 1 Question Paper PDF

1. If the digit in the unit's place of a two-digit number is halved and the digit in ten's place is doubled, the number thus obtained is equal to the number obtained by interchanging the digits. Which of the following is definitely true?
- A. Sum of the digits is a two-digit number
 - B. Digit in the unit's place is half of the digit in the ten's place
 - C. Digit in the unit's place and the ten's place are equal
 - D. Digit in the unit's place is twice the digit in ten's place

2. Given below are two statements :

Statement I :

In order to get a mixture worth ₹ 16.5/kg , a grocer needs to mix two varieties of pulses costing ₹ 15 and ₹ 20 per kg respectively in the ratio 7 : 3.

Statement II :

A merchant has 1000 kg rice, part of which he sells at 8 % profit and the rest at 16 % profit. He gains 14 % on the whole. The quantity of rice sold at 16 % profit is 750 kg.

In the light of the above statements, choose the correct answer from the option given below:

- A. Both Statement I and Statement II are true
- B. Both Statement I and Statement II are false
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

3. A certain amount of money at compound interest grows to ₹66,550 in 3 years and ₹73,205 in 4 years. The rate percent per annum is :

- A. 10%
- B. 9%
- C. 5 %
- D. 11 %

4. A train travelling at 48 km/h completely crosses another train having half the length of first train and travelling in opposite direction at 42 km/h in 12 seconds. The train having speed 48 km/h also passes a railway platform in 45 seconds. What is the length of the platform ?

- A. 600 m
- B. 300 m
- C. 400 m
- D. 200 m

5. Following 3 questions are based on the information given below.

There are 240 students in an engineering college. Each student opted for exactly one of three specialisations among Computer Science, Mechanical and Electronics. The total number of students who opted for Computer Science and Electronics is equal to the

number of students who opted for Mechanical. 42.5 % students who opted for Mechanical are girls. The number of girls who opted for Computer Science is one-third the number of boys who opted for Mechanical. The difference between the number of boys who opted for Electronics and the number of girls who opted for Computer Science is equal to the difference between the number of boys who opted for Computer Science and the number of girls who opted for Electronics. The number of girls who opted for Electronics is 28.

(1) The total number of girls in the Engineering College is

- A. 138
- B. 112
- C. 102
- D. 116

(2) The number of girls who opted Mechanical is how much percent of the number of students who opted Electronics?

- A. 75 %
- B. 80 %
- C. 85 %
- D. 90 %

(3) By what percent is the number of boys who opted for Mechanical more than the total number of students who opted for Electronics?

- A. 15 %
- B. 12 %
- C. 13.5 %
- D. 17.5 %

6. Arrange the following words in a meaningful sequence and choose the most appropriate sequence from the given alternatives.

- (A) Rain
- (B) Monsoon
- (C) Rescue
- (D) Flood
- (E) Shelter
- (F) Relief

- A. (A), (B), (C), (D), (E), (F)
- B. (A), (B), (D), (E), (C), (F)
- C. (B), (A), (D), (C), (E), (F)
- D. (D), (A), (B), (C), (F), (E)

7. If 'blue means green', 'green means white', 'white means yellow', 'yellow means black', 'black means red' and 'red means brown', then what is the colour of milk?

- A. Black
- B. Brown

- C. Yellow
- D. Green

8. Consider the statement given below and the following assumptions and decide which of the assumptions is/are implicit in the statement.

Statement : You know that your shirt is excellent when people ask about your tailor who tailored the shirt.

Assumptions :

- I. People do not ask about your tailor if your shirt is not good .
- II. People want to know the criteria of an excellent shirt.

- A. Only Assumption I is implicit
- B. Only Assumption II is implicit
- C. Neither Assumption I nor II is implicit
- D. Both Assumptions I and II are implicit

9. Mr. X starts walking from his house towards west. After walking a distance of 30 metres, he turned towards right and walked 20 metres. He then turned left and moving a distance of 10 metres, turned to his left again and walked 40 metres. He now turns to the left and walks 5 metres. Finally he turns to his left. In which direction is he walking now?

- A. North
- B. South
- C. South-East
- D. East

10. Given below are two statements:

Statement I : Ajatashatru was the founder of Haryanka Dynasty.

Statement II : The earliest capital of Magadha was Rajgir.

In the light of the above statements, choose the correct answer from the options given below:

- A. Both Statement I and Statement II are true
- B. Both Statement I and Statement II are false
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

11. Arrange the following important National Days of India in chronological sequence.

- (A) National Science Day
- (B) National Teacher's Day
- (C) National Youth Day
- (D) National Hindi Day
- (E) National Children's Day

Choose the correct answer from the options given below :

- A. (A), (C) , (B), (E), (D)
- B. (B), (A) , (D), (C), (E)
- C. (C), (A) , (B), (D), (E)
- D. (C), (B) , (A), (E), (D)

12. Which of the following statements is NOT correct?

- A. Chittaranjan Das was not a member of Swaraj Party.
- B. N. C. Kelkar was among the founding members of Swaraj Party.
- C. The foundation of the Swaraj Party was laid on January 1, 1923.
- D. In the election held in 1923, the Swaraj Party captured 45 out of 145 seats.