

- A. 24 B. 44 C. 22 D. 48
10. How many times in a day, the hands of a clock are straight?
A. 44 B. 48 C. 24 D. 22
11. Look at this series: 122, 121, 123, 122, 124, 123, ... What number should come next?
A. 120 B. 126 C. 123 D. 125
12. 6 pumps, working 8 hours a day, can empty a tank in 4 days. How many hours a day must 8 pumps work to empty the tank in 2 days?
A. 9 B. 10 C. 11 D. 12
13. 39 persons can repair a road in 12 days, working 5 hours a day. In how many days will 30 persons, working 6 hours a day, complete the work?
A. 10 B. 13 C. 14 D. 15
14. If a quarter kg of potato costs 60 paise, how many paise will 200 gm cost?
A. 48 paise B. 54 paise C. 56 paise D. 72 paise
15. If 7 spiders make 7 webs in 7 days, then 1 spider will make 1 web in how many days?
A. 1 B. 7/2 C. 7 D. 49

Write a logical part of the program for the following questions using any preferred language.

- How do you reverse a word?
- How would you find the second largest number in an integer array?

Write a program for the following questions using any preferred language.

- Write a program for 3X3 matrix addition using a multi-dimensional array.

$$\begin{array}{ccccccc}
 1 & 1 & 1 & & 1 & 1 & 1 & & 1 & + & 1 & + & 1 & + & 1 & + & 1 & & 2 & 2 & 2 \\
 2 & 2 & 2 & + & 2 & 2 & 2 & = & 2 & + & 2 & 2 & + & 2 & + & 2 & + & 2 & = & 4 & 4 & 4 \\
 3 & 3 & 3 & & 3 & 3 & 3 & & 3 & + & 3 & + & 3 & + & 3 & + & 3 & & 6 & 6 & 6
 \end{array}$$

Question Paper Type - JIIT-C

Read the following instructions properly before proceed:
Don't write anything in the Question Paper.

Write your Name, Candidate Id and Question Paper Type in your answer sheet.

Write Answers with Options. Duration will be 50 minutes.

If the above instructions are not followed, your answer sheet will not be validated.

1. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:

- A. Rs.650 B. Rs.690 C. Rs.698 D. Rs.700

2. A sum fetched a total simple interest of Rs. 4016.25 at the rate of 9 p.c.p.a. in 5 years. What is the sum?

- A. Rs. 4462.50 B. Rs. 8032.50 C. Rs. 8900 D. Rs. 8925

3. A sum of money amounts to Rs. 9800 after 5 years and Rs. 12005 after 8 years at the same rate of simple interest. The rate of interest per annum is:

- A. 5% B. 8% C. 12% D. 15%

4. From a group of 7 men and 6 women, five persons are to be selected to form a committee so that at least 3 men are there on the committee. In how many ways can it be done?

- A. 756 B. 645 C. 564 D. 735

5. In how many ways can the letters of the word 'LEADER' be arranged?

- A. 144 B. 360 C. 720 D. 72

6. 4 mat-weavers can weave 4 mats in 4 days. At the same rate, how many mats would be woven by 8 mat-weavers in 8 days?

- A. 4 B. 8 C. 12 D. 16

7. Find The Odd One Out: 8, 27, 64, 100, 125, 216, 343

- A. 27 B. 100 C. 125 D. 343

8. An accurate clock shows 8 o'clock in the morning. Through how many degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?

- A. 144 B. 180 C. 168 D. 90

9. How many times are the hands of a clock at right angle in a day?