

Question 1: If a plane intersects a cube, what is the maximum number of sides the plane can cut?

Options:

- A) 3
- B) 4
- C) 6
- D) 9

Question 2: What is the next number in the sequence: 2, 6, 12, 20, 30, ...?

Options:

- A) 36
- B) 40
- C) 42
- D) 48

Question 3: What is the missing letter in the sequence: A, C, E, G, _ , K?

Options:

- A) I
- B) J
- C) H
- D) O

Question 4: If all Zips are Zaps and all Zaps are Zops, then are all Zips also Zops?

Options:

- A) True
- B) False

Question 5: All lions are fierce animals. Some fierce animals are good hunters. Therefore,

Options:

- A) All lions are good hunters
- B) Some lions are good hunters
- C) All good hunters are lions
- D) Some lions are not good hunters

Question 6: If 5 machines can make 5 widgets in 5 minutes, how many widgets can 100 machines make in 100 minutes?

Options:

- A) 25
- B) 150
- C) 100
- D) 50

Question 7: Identify the odd one out: Apple, Banana, Orange, Grape, Carrot.

Options:

- A) Banana
- B) Carrot
- C) Grape
- D) None of the Above

Question 8: A train leaves from a station and moves at a certain speed. After 2 hours, another train leaves from the same station and moves in the same direction at a speed of 60 mph. If it catches up with the first train in 4 hours, what is the speed of the first train?

Options:

- A) 40mph
- B) 50mph
- C) 30mph
- D) 60mph

Question 9: Arrange the following words in each question in a logical sequence.

(Write the sequence ex- 12345)

1. Birth
2. Child
3. School
4. Job
5. Education

WRITE THE LOGIC / Program-

(Ex -

Q: Check a number is odd or not

Ans: If the number will not divided completely by 2 then it is Odd

or

CODE in Any Language

)

Question: Add Two Integers :

Testcase- Input-> A = 10, B = 20

Output : 30

Question: Subtract Two Integers :

Testcase- Input-> A = 20, B = 5

Output : 15

Question: Write a program to check a number is Even or Not :

Testcase- Input = 6

Input = 11

Output = True

Output = False

Question: Check if a number is Odd or not

Testcase- Input = 5

Input = 12

Output = True

Output = False

Question: Multiply two integers only if User will give both integers as a negative numbers

Testcase- Input-> A = 5, B = -10

Output = Both Integers are not negative

Input-> A = -5, B = -10

Output = 50

Question: Write a program to Print all even numbers from 1 to 20 :

Testcase - 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

Question: Write a program to Print all Odd numbers from 1 to 20 :

Testcase - 1, 3, 5, 7, 9, 11, 13, 15, 17, 19

Question: Print True if K's value is in the array

Testcase - arr[] = { 1, 3, 4, 7, 2, 8, 9, 0 }, k = 7

Output: Yes It is in the array

Advance Coding Question :

Q: Write a function to check if a given string is a palindrome or not.

Ans:

Testcase- 1:

string s = "aabaa";

Output: Yes It's Palindrome

Testcase- 2:

string s = "aabbca";

Output: No It's not Palindrome

Write Your Answers Here !