

FORMATIVE ASSESSMENT – SECOND MID TERM**COMPUTER SCIENCE****Max. Marks: 25****Std - VIII****Time: 1 Hr**

Name of the School: _____	Name of the Student: _____
Place: _____	Roll No.: _____

I. Fill in the blanks:**5 x 1 = 5**

1. An _____ is a variable that can hold more data of the same data type.
2. An array element is accessed by its _____
3. The if statement is a _____ statement.
4. In a switch case, the _____ statement will be executed if a match is not found.
5. _____ allows a set of code to be executed repeatedly.

II. Write True or False:**2 x 1 = 2**

1. In a switch case statement the flow is continuous till a break statement.
2. The different elements in any array will be stored continuously in the memory.

III. Choose the correct answer :**3 x 1 = 3**

1. The first index of an array always begins with _____
a) 1 b) 0 c) -1 d) 2
2. An example of iteration is _____
a) if ...else b) for loop c) switch case d) ternary operator
3. The _____ loop executes the code first and then checks for the condition.
a) while b) do---while c) for d) switch...case

IV. Answer any two of the following questions:**2 x 2 = 4**

1. How many types of loops are there in C. Name them.
2. Give syntax for if statement
3. Give syntax for the while loop.
4. Give syntax for array.

V. Write an Output for the following Program:

3

```
#include<stdio.h>

int main( )
{
for(int i=0; i<=10;i++)
{
printf("Welcome to all\n");
}
}
```

VI. Point out the errors in the following program:

3

```
*include(stdio.h)

int main[ ]
{
int age
printf("Enter Age of person");
scanf("%d",&age)
if(age>=17):
{
printf("Person is Eligible for vote");
}
}
```

VII. Answer the following Detail:

5

1. Write a program to find the greatest of three numbers.

(Or)

Give syntax for switch statement.