1) The loop which is executed at least once is

   a) "while" loop
   b) "do-while" loop
   c) "for" loop
   d) None of the above

   Answer: b

2) In the C programming language negative numbers when used in if-else conditional checking, are treated as
   a) TRUE
   b) FALSE
   c) Depends on the implementation
   d) None of these

   Answer: a

3) Choose the correct statement to use "if-else" statement in C Language

   a) "else if" is compulsory to use with "if" statement.
   b) "else" is compulsory to use with "if" statement.
   c) "else" or "else if" is optional with the "if" statement.
   d) None of the above are correct

   Answer: c

4) What is the output of the following C code?

```
#include <stdio.h>
int main()
{
    int a = 1;
    if (a--)
        printf("True\n");
    if (++a)
        printf("False\n");
    return 0;
}
```

a) True
b) False
c) Both 'True' and 'False' are printed
d) Compilation error

Answer: c

5)   In the following example, tell which statement is correct

```
if( (condition1==1)&& (condition2==1))
    printf("Swayam");
```

a) Condition1 will be evaluated first, and condition2 will be evaluated second
b) Condition2 will be evaluated first, and condition1 will be evaluated second
c) Condition1 will be evaluated first, condition2 will be evaluated only if the condition1 is TRUE
d) Condition2 will be evaluated first, and condition1 will be evaluated only if condition2 is TRUE

Answer: c

6)   Which one of the following is the correct syntax for Ternary Operator in C language?

a) condition ? expression1 : expression2
b) condition : expression1 ? expression2
c) condition ? expression1 < expression2
d) condition < expression1 ? expression2

Answer: a

7)   The purpose of the following program fragment is to

```
b=s+b;
s=b-s;
b=b-s;
```
(where s and b are two integers)

a) Transfer the content of s to b
b) Transfer the content of b to s
c) Exchange (swap) the content of s and b
d) Negate the contents of s and b

Answer: c

8) What will be the output?

```c
#include <stdio.h>
int main()
{
        int x=0;
        x = printf("3");
        printf("%d",x);
        return 0;
}
```

a) 11
b) 33
c) 31
d) 13

Answer: c

9) What will be the output? (&& is logical AND operation)

```c
#include <stdio.h>
int main()
{
    int i=0, j=1;
    printf("\n %d", i++ && ++j);
    printf("\n %d %d", i,j);
    return 0;
}
```

a) 0
  1 2
b) 1
  1 1
c) 0
  0 0
d) 0
  1 1

Answer: d

10) What will be the value of a, b, and c after the execution of the following

int a = 5, b = 7, c = 111;
c /= ++a * b--;

a) a=5, b=6, c=2;
b) a=6, b=7, c=1;
c) a=6, b=6, c=2;
d) a=5, b=7, c=1;

Answer: c