

}

- a) The control won't fall into the for loop
- b) Numbers will be displayed until the signed limit of short and throw a runtime error
- c) Numbers will be displayed until the signed limit of short and program will successfully terminate
- d) None of these above

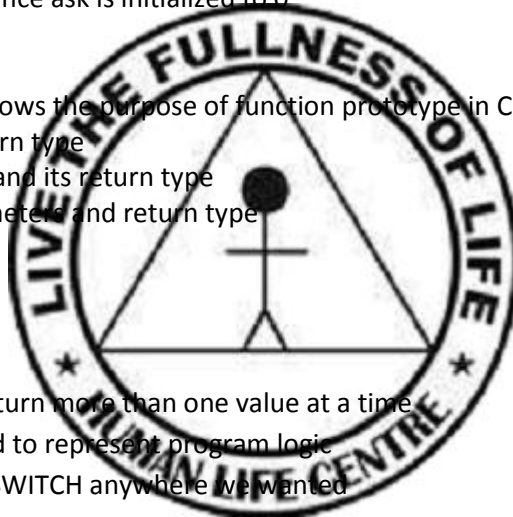
IV) What will be the output?

```
#include <stdio.h>
void main()
{
    int k = 0;
    for (k < 3; k++)
        printf("Hello");
}
```

- a) Compile time error and it will not be executed.
- b) Hello is printed thrice and after that it will show 4
- c) Hello will be shown only once as k is initialized to 0
- d) None of these above

V) Which of the following shows the purpose of function prototype in C?

- a) Declaring a function's return type
- b) Declaring function name and its return type
- c) Declaring function's parameters and return type
- d) None of the above



[10]

2) State true or false

- a) Functions cannot return more than one value at a time
- b) FLOWCHART is used to represent program logic
- c) We can use IF and SWITCH anywhere we wanted
- d) C++ and C++ + are same
- e) ?: is called unary operator
- f) Int INT[5]; is a valid statement in C
- g) Array and Structure requires same storage area in memory
- h) Reverse() in C used to reverse a float value
- i) Main() in CStringlen() is used to find the length of a string
- j) stdio.h refers to a header file

[10]

3) Fill in the blanks

- a) _____ data type is used to declare integer variable
- b) _____ symbol is used for relating a variable with other
- c) To do a job in a repetitive manner is called _____
- d) Always function returns _____ data type
- e) Constructing a statement to execute repetitively is called _____
- f) # include is _____
- g) It is _____ that both int and INT are same

- h) At a time to declare 5 or more variables leads to _____
- i) Pointer is a variable that keeps _____
- j) _____ is associated with switch statement

PART – B

[10]

3) Answer the following questions (Any Two)

- a) What is the difference between IF and Switch?
- b) How to declare two variables of integer types?
- c) What is a loop in C?
- d) Define PSEUDOCODE

[10]

4) Write C statement for the following requirement (Any two)

- a) I want to assign 5 to five variables like a, b, c, d, e
- b) Using conditional operator checking value of two variables is equal or not
- c) Structure of a C Program

[10]

5) Answer following Questions (Any One)

- a) Explain different ways are available to declare a variable in C
- b) Explain about programming construct
- c) Consider the following program. Write down the keywords and operators used in this.

1. # include <stdio.h>
2. void main()
3. {
4. int a,b,c,d;
5. a=b=c=120;
6. a=b==120;
7. for(a=1;a<=10;a++)
8. {
9. Printf(“%d”,a++);
10. }
11. }

