WEEK 0
1.In C programming, what is the use of %d format specifier in printf()
function?
a. Prints double type value
b. Prints integer type value
c. Prints character type value
d. Prints string type value
Ans: b

2.Consider the following code and answer the questions.
int main()
{
int a[8] = {3, 1, 0, 5, 2, 7, 6, 4); }
What is the value of a [a [a [3]]]? Select your correct answer from the
following options.
A. Program is with a compile-time error
B. Program is with a run-time error
C. NULL
D. 4
Ans: D

3.Which of the following is not a valid identifier in C programming language?
a. 21Guns
b. No
c. yes
d. *p
Ans: a

4.Consider the following function definition:
functionCheck(int a, int b)
return (a < b) ? 0 : (a - b));
}
Let x, y be any two non-negative integers. What does the function
functionCheck (x, functionCheck (x, y)) do? Select your correct answer
from the following choices.
a. Maximum of x and y.
b. Positive difference of x and y.
C. Sum of x and y.
d. Minimum of x and y.
Ans: d

5.What will be the output of the following code?
#include<stdio.h>
#define myfunc(i, j) i##j
int main()
{
    int v1= 40;
    int v2= 0;

```
    //char FirstSecond[] = "IndiaBIX";
    printf("%d", myfunc(1,1)*myfunc(v,1));
    return 0;
}
```
Select your correct answer from the following choices.
a. 40
b. 400
C. 440
d. 0
Ans: c

6.To store the string "Javajuly", how many bytes that a C-compiler will take?
Select your correct answer from the following options.
a. 4 bytes.
b. 5 bytes.
C. 8 bytes.
d. 9 bytes.
Ans: d

7.Which of the following operator has the lowest priority?
a. ++
b. +
C. %
d. II
Ans: d

8.In the declaration given below, what is "array"?
a. It is a keyword
b. It is a literal
c. It is an operator
d. It is a pointer
int array[20];
Ans: d

9.What will be the output of the following C code?
```
#include <stdio.h>
int main()
{
void foo();
printf("1 ");
foo();
}
void foo()
{
printf("2");
}
```
Select your correct answer from the following choices.
A. 12
```

B. It will give compile-time error
C. 212
D. Depends on the compiler
Ans: A

10.Which of the following is a valid C expression?
A. int my_num = 100,000;
B. int my_num= 100000;
C. int my num= 1000;
D. int $my_num = 10000;
Ans: B

11.Consider the following declarations:
float x=12.0, y=6.0;
int a=4, b=3;
float z;
What is the value of z computed in each of the following assignment
statements?
i.
z = x y + a / b ;
ii. Z = abb/a x; *
Z = (xy) > 1?x:y;
iv. N = (int) (x + b) / a b;
Select your correct answer from the following choices.
A. 3.0, 0.0, 12.0, 0.0
B. 0.0, 0.0, 0.0, 0.0
C. 0.0, 0.0, 12.0, 0.0
D. 3.0, 0.0, 12.0, 1.0
Ans: A

12.Consider the following declarations:
#include<stdio.h>
void main()
{
int i, j 10; y = 0; = for (i 0; i < j; i++) =
while (j) y += j--; printf("%d", y);
}
What will be the output of the program? Select your option from the following.
A. 100
B. 10x9x8x...x3x2x1
C. 10+9+8+...+3+2+1
D. 0
Ans: C

13.A function foo (int) is defined as follows:
int foo (int i) { int x=1, j = 1;
X *= ji
while (i) { j++; if(j<7) continue;

```
else break;
}
return x;
}
```
What will be the output of the program? Select your option from the following.
A. The program will be with compilation error
B. 6x5x4x3x2x1
C. 6+5+4+3+2+1
D. The program will be with an infinite loop and hence not return any value.
Ans: C

14.Which of the following statement(s) is/are NOT true.
A. Java is an object-oriented programming language
B. C is an object-oriented programming language
C. C++ is an object-oriented programming language
D. C# is an object-oriented programming language.
Ans: B

15.Which of the following is NOT possible in C programming without using specialized libraries?
A. Dynamic memory allocation
B. Running multiple functions concurrently.
C. Recursive execution of a function.
D. Working with abstract data types.
Ans: D