1.The format character %d used to print

A) Character

B) String

C integer

D) float

2. x=5; y=x++;

A) assigns a value 5 to y

B) gives an error message

C) assigns a value 6 to y

D) assigns a value 7 to y

3. The logical operator ! is used for doing

A) Logical AND B) Logical OR

C) Logical NOT D) None of above

4.Which character is used to read short integer  
a) d  
b) hd

c)ld  
d) None of the mentioned

5.The file opening mode “r” is used

|  |  |
| --- | --- |
| A | Read the file |
| B | Write into the file |
| C | Read and write operation |
| D | None of the above |

6.Which operator is used to terminate the statement  
a) !  
b) ;  
c) :  
d) }

7.The value 32767 can represented using which data type?  
a) double  
b) void  
c) int  
d) bool

8.The length of the string correct is “correct”  
a) 7 b) 8  
c) 6 d)9

9..Which of the function that must contain in all C program

A) system() B) main() C)scanf() D)printf()

10.What is a array?  
a) An array is a series of elements of the same type in contiguous memory locations  
b) An array is a series of element  
c) An array is a series of elements of the same type placed in non-contiguous memory locations  
d) None of the mentioned

11.Which symbol must be used to signal the beginning and ending of the C program  
a) < , >  
b) (, )  
c) {, }  
d) [ ]

12.What punctuation must be used to end the C statement  
a) : colon b) ; semi colon

c) % d) . dot

13. The length of the string correct is “JIANGXI UNIVERSITY”  
a) 17 b) 18  
c) 16 d)19

14.The directive of the preprocessor begin with   
a) Ampersand symbol(&)  
b) Two slashes(//)  
c) Number sign (#)  
d) Less than symbol(<)

15.Which one of the following is Boolean operator for logical AND

A) system() B) main() C)scanf() D)printf()

二. SECTION B (5 x 6 =30)

1. write a note on integer constant?

2.What is meant Type casting? Give an example?

3. What is variable? What are the rules followed during the creation of variable name in C ?

4.Write any six escape sequence character?

5.Give an example to describe the Structure in C?

6. What is Compiler? Write a C program to print “hello world”?

7. What is the name of ? : operator ? Explain with an example?

8. What is variable? What are the rules followed during the creation of variable name?

9. What is relational expression? Write the relational operator used in C

10.Write any 12 keywords used in C?

11.What are Increment and Decrement Operator? Write a C program example?

12.Explain the bitwise operator with program example?

13.Explain about the character and string constant used in C?

14.Write an user defined function and implement in your program.?

15. Write a note on preprocessor directives with example?

三.Answer the following SECTION C (3 x 10=30)

1. Write a c program to create single dimentional array to store 10 numbers and print the sum of the numbers?

2. Give the general syntax structure to write the function and Write a program to add any two integer number by using function?

3. What is Union? Give an example?

4.Explain enumeration data type with simple example?

5.What is Pointer? Declare five different type of pointer?

6. Write a detail note on preprocessor directive?

7. Write a c program to implement the concept function call by value and call by reference?

8.Explain logical operator With C program implementation?

9.Write the various file opening modes in C?

四. Answer the following questions in detail with necessary examples SECTION D ( 2 x 15 = 30 marks)

1.Write a C program to illustrate three different looping control structure?

2. What are the file opening modes? Write a simple c program to create a file?

3. What is an Array? Give an example program to declare, initialize, and Access an Array?

4. What are the file opening modes? Write a simple C program to read the content of the a file?

5. Explain the various conditional control structure with example?

6. Explain the various string handling function in C? Write the various function used to do input and output operation in file?