



K20U 3311

Reg. No. :

Name :

**I Semester B.Sc. Degree CBCSS (OBE) Reg./Sup./Imp.
Examination, November 2020
(2019 Admn. Onwards)
CORE COURSE IN COMPUTER SCIENCE
1B01CSC : Introduction to C Programming**

Time : 3 Hours

Max. Marks : 40

**PART – A
Short Answer**

Answer **all** questions : **(6×1=6)**

1. Define the term debugging.
2. What is algorithm ?
3. What are white space characters ?
4. Write short notes on variables.
5. What will be the output of the following printf statement :
printf(“%d”,10<<2);
6. How do you initialize a one dimensional array ?

**PART – B
Short Essay**

Answer **any 6** questions : **(6×2=12)**

7. List the different phases of program development life cycle.
8. Write the benefits of using flowcharts in problem solving.
9. What do you mean by identifiers ? Give an example.

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10. Write the procedure to create an executable file of a C program in MS Dos.
11. Write a short note on conditional operator.
12. Which C library function is used to read a character from keyboard ? Illustrate with an example.
13. Write a short note on goto statement.
14. What do you mean by two dimensional array ? Give an example.

PART – C
Essay

Answer **any 4** questions :

(4×3=12)

15. Explain different flowcharting symbols.
16. Write short note on the structure of a C program.
17. Write short note on increment and decrement operators used in C.
18. Explain type casting with an example.
19. What do you mean by nested if statements ? Explain with example.
20. Write a C program to find the sum of digits of a number.

PART – D
Long Essay

Answer **any 2** questions :

(2×5=10)

21. Write an algorithm and draw flowchart to find the biggest of three numbers.
 22. What do you mean by constants ? Explain different types of constants in C.
 23. Explain logical and bitwise operators in C with example.
 24. Explain different types of looping structures in C.
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