

BACHELOR OF TECHNOLOGY (C.B.C.S.) (2021-COURSE)
B. Tech. Sem - I Electronics & Communication : WINTER- 2022
SUBJECT : COMPUTATION & PROGRAMMING USING C

Day : Wednesday

Time : 10:00 AM-01:00 PM

Date : 18-01-2023

W-24087-2022

Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate **FULL** marks.
 - 3) Assume Suitable data **WHEREVER** necessary.
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- Q.1** a) Write a C program to perform multiplication of three number (05)
b) Write in brief on relational and logical operator. (05)

OR

- Q.1** a) Compare keyword and identifier. (05)
b) Write a C program to find square root of any number. (05)

- Q.2** a) Write in brief on do-while loop. (05)
b) Write a C program to check leap year. (05)

OR

- Q.2** a) Explain Nested loop. (05)
b) Write a C program to find Fibonacci series. (05)

- Q.3** a) Why we need array in C programming? (05)
b) Write a C program to sort array in descending order. (05)

OR

- Q.3** a) Write in brief on Application of array. (05)
b) What is condition statement in C? (05)

- Q.4** a) What is storage classes in C? (05)
b) Write a C program to find sum of sum of natural number using recursion. (05)

OR

- Q.4** Explain user defined function in C. (10)

- Q.5** a) What is pointer in C. (05)
b) Write a C program to compare two number by using pointer. (05)

OR

- Q.5** a) Write in brief on pointer to pointer. (05)
b) Compare pointer and array. (05)

- Q.6** a) What is typedef in C? (05)
b) Explain C Structure. (05)

OR

- Q.6** Write a C program to store information of employee by using Structure. (10)
