

**BACHELOR OF TECHNOLOGY (CBCS) (2021-COURSE)**  
**Computer Science & Business Systems**  
**B. Tech. Sem - I :SUMMER : 2023**  
**SUBJECT : FUNDAMENTALS OF COMPUTER SCIENCE**

Day : Monday

Time : 10:00 AM-01:00 PM

Date : 15-05-2023

S-24133-2023

Max. Marks : 60

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**N.B.**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the **RIGHT** indicate **FULL** marks.
  - 3) Use of non-programmable calculator is **allowed**.
  - 4) Assume suitable data **WHEREVER** necessary.
  - 5) Draw neat diagram **WHEREVER** necessary.
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- Q.1 Explain Algorithm and Flowchart for problem solving. (10)  
OR  
Q.1 Explain Sequential logic structure. (10)
- Q.2 Explain IF-Else-IF with example. (10)  
OR  
Q.2 Write C program for find largest number from three numbers. (10)
- Q.3 What is Function? Explain different functions used in C. (10)  
OR  
Q.3 Explain recursion with example. (10)
- Q.4 Explain Pointers and function arguments. (10)  
OR  
Q.4 Explain Pointer arrays with example. (10)
- Q.5 Explain Structures and Functions. (10)  
OR  
Q.5 Explain array of structures. (10)
- Q.6 Explain file Descriptor in C. (10)  
OR  
Q.6 Explain user Defined Library Functions. (10)

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