

This question paper contains 2 printed pages

**GA—391—2023**

**FACULTY OF SCIENCE AND TECHNOLOGY**

**B.Sc. (First Year) (Second Semester) EXAMINATION**

**APRIL/MAY, 2023**

**(New CBCS Pattern)**

**COMPUTER SCIENCE**

**Paper IV**

**(Programming in C Language)**

**(Thursday, 1-6-2023)**

**Time : 10.00 a.m. to 12.00 noon**

**Time—2 Hours**

**Maximum Marks—40**

**N.B. :- (i) All questions are compulsory.**

**(ii) Figures to the right indicate full marks.**

**(iii) Assume suitable data, if necessary.**

1. Explain user defined data types and their types in detail. 15

*Or*

(a) Explain relational and logical operators with suitable example. 8

(b) Explain while statement in detail. 7

2. Explain file handling functions with example. 15

*Or*

(a) Explain union in detail. 8

(b) Write a program in C to find greatest among three numbers. 7

P.T.O.

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3. Write short notes on the following (any *two*) :

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- (a) Function
- (b) For loop
- (c) Increment/decrement operator
- (d) Storage class.