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NA—118—2023

FACULTY OF SCIENCE

B.Sc. (Third Year) (Fifth Semester) EXAMINATION

NOVEMBER/DECEMBER, 2023

(New/CBCS Pattern)

ELECTRONICS

Paper-XIII

(‘C’ Programming)

(Thursday, 21-12-2023)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— All questions are compulsory.

1. What are decision-making and branching statements in ‘C’ ? State and give their general form. 15

Or

- (a) What do you mean by structure of ‘C’ program ? Explain it. 8
(b) What do you mean by variables in ‘C’ ? Explain declaration of variables and assigning values to variables. 7

2. What are standard library string functions in ‘C’ ? Explain in detail strlen(), strcat(), strcmp() and strepy() functions. 15

Or

- (a) Define pointer and explain accessing variables through pointers. 8
(b) What do you mean by union in ‘C’ ? Explain it. 7

P.T.O.

WT

(2)

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

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- (a) Data types in 'C'
- (b) Goto statement
- (c) Array
- (d) Structure.

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