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NA—320—2023

FACULTY OF SCIENCE AND TECHNOLOGY

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

NOVEMBER/DECEMBER, 2023

(CBCS/New Pattern)

COMPUTER SCIENCE

Paper-IV

(Programming in C Language)

(Wednesday, 27-12-2023)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (1) *All questions are compulsory.*

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

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

1. Describe all operators and their types in detail. 15

Or

(a) Explain input and output statement with a suitable example. 8

(b) Explain nested for loop statement in detail. 7

2. What is Function ? Explain recursion function with suitable example. 15

Or

(a) What is array ? Explain one-dimensional array. 8

(b) Write a program in C to find sum of series of number. 7

P.T.O.

WT

(2)

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

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- (a) Union
- (b) Structure
- (c) Conditional operator
- (d) String handling functions.

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