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VA—320—2024

FACULTY OF SCIENCE AND TECHNOLOGY

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

NOVEMBER/DECEMBER, 2024

(New/CBCS Pattern)

COMPUTER SCIENCE

Paper IV

(Programming in C Language)

(Monday, 23-12-2024)

Time : 10.00 a.m. to 12.00 noon

Time—Two Hours

Maximum Marks—40

N.B. :— (i) Attempt *all* questions.

(ii) Draw suitable diagrams, wherever necessary.

(iii) Answer suitable data, if necessary.

1. Explain the operators used in C programming language. 15

Or

(a) Explain while loop with example. 8

(b) Write a program to check whether a given number is even
or odd. 7

P.T.O.

2. What is structure ? Explain defining and accessing structure member. 15

Or

(a) What is Array ? Explain array initialization. 8

(b) Explain auto storage class. 7

3. Write short notes on the following (any *two*) : 10

(a) Data types in C

(b) Go to statement

(c) Function

(d) Union.