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NA—325—2023

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc (Third Semester) EXAMINATION

NOVEMBER/DECEMBER, 2023

(New Pattern)

COMPUTER SCIENCE

Paper-VII

(Programming in C++)

(Thursday, 28-12-2023)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—40

N.B. :— (1) Attempt all questions.

(2) Figures to the right indicate full marks.

1. What is OOPs ? Explain difference between Top-down and Bottom-up approach of language. 15

Or

(a) Explain function with call by reference. 8

(b) Write a program on scope resolution operator. 7

2. What is Constructor ? Explain different types of constructor with example. 15

Or

(a) Explain static member function. 8

(b) Explain multiple inheritance. 7

P.T.O.

WT

(2)

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

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- (a) Application of OOPs
- (b) Destructor
- (c) Friend function
- (d) Default arguments.

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