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VA—317—2024

FACULTY OF SCIENCE

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

NOVEMBER/DECEMBER, 2024

(New/CBCS Pattern)

COMPUTER SCIENCE

Paper XV-A

(Relational Database Management Systems)

(Thursday, 19-12-2024)

Time : 10.00 a.m. to 12.00 noon

Time—Two Hours

Maximum Marks—40

N.B. :— (i) All questions are compulsory.

(ii) Figures to the right indicate full marks.

1. What is DBMS ? Explain application and purpose of database systems. 15

Or

(a) Explain database and application architecture. 7

(b) What is Key ? Explain the types of keys in detail. 8

2. What is Normal Form ? Explain the types of Normal Forms with example. 15

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Or

- (a) Explain the basic structure of SQL queries. 7
- (b) Explain the concept of views in detail. 8
3. Write short notes on (any *two*) : 10
- (a) Joints
- (b) DDL (Data Definition Language)
- (c) Database Schemas
- (d) Functional Dependencies.

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