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SF—40—2022

FACULTY OF COMPUTER STUDIES

B.Sc. (Second Semester) EXAMINATION

JUNE/JULY, 2022

(CBCS/Revised Pattern)

COMPUTER SCIENCE

Paper BCS-203

(DBMS)

(Tuesday, 5-7-2022)

Time : 9.30 a.m. to 1.15 p.m.

Time—3.45 Hours

Maximum Marks—75

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

(ii) Figures to the right indicate full marks.

1. Attempt any *five* of the following : 15

- (a) Structure of DBMS
- (b) Data models
- (c) Database
- (d) SQL
- (e) Data types in SQL
- (f) DBMS users
- (g) Constraints.

2. Attempt any *three* of the following : 15

- (a) Advantages and disadvantages DBMS.
- (b) Explain data model.
- (c) Explain structure of DBMS.
- (d) Explain server system architecture.
- (e) Explain DBMS facilities.

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3. Attempt any *three* of the following : 15
- (a) Explain Database.
 - (b) Explain Entity, Attributes.
 - (c) Explain DBMS users.
 - (d) Explain Constraints.
 - (e) Explain Entity Relationship Model.
4. Attempt any *three* of the following : 15
- (a) Explain function of SQL.
 - (b) Explain data updation, insertion.
 - (c) Explain basic structure of SQL querying.
 - (d) Explain characteristics of DBMS.
5. Attempt any *three* of the following : 15
- (a) Explain DBMS user.
 - (b) Explain client server architecture.
 - (c) Applications DBMS.
 - (d) Explain database.
 - (e) Explain data model.