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BF—368/369—2016

FACULTY OF SCIENCE

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

OCTOBER/NOVEMBER, 2016

COMPUTER SCIENCE

Paper XIII

(Relational Database Management System)

Or

(E-Commerce)

(Friday, 2-12-2016)

Time :10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

(Relational Database Management System)

- N.B.* :— (i) Attempt all questions.
(ii) All questions carry equal marks.
(iii) Draw well labelled diagrams wherever necessary.

1. Solve any *four* of the following : 8
- (i) Explain data type in DBMS.
 - (ii) What is normal form ?
 - (iii) What do you mean by DDL ?
 - (iv) Define object.
 - (v) Explain user interface features.
 - (vi) What is error handling ?
2. Attempt any *two* of the following : 8
- (i) What are the advantages of DBMS ?
 - (ii) Explain the report design in detail.
 - (iii) What is data clustering ? Explain.

P.T.O.

3. Attempt any *two* of the following : 8
- Explain group by command.
 - What is DML ?
 - Explain client/server database.
4. Attempt any *one* of the following : 8
- Explain backup and recovery in detail.
 - Explain web as client/server system.
5. Write short notes on any *two* : 8
- Data dictionary
 - Joins
 - Form design
 - Integrated application.

Or

(E-Commerce)

- N.B.* :— (i) Attempt *all* questions.
(ii) Assume suitable data, if necessary.

1. Solve any *four* of the following : 8
- What is E-commerce ?
 - What is Network security ?
 - What is Encrypted document ?
 - Digital libraries means.
 - What is Internet ?
 - What is Data security ?

2. Attempt any *two* of the following : 8
- (a) Explain in detail electronic commerce framework.
 - (b) Application of electronic commerce in detail.
 - (c) What do you mean by the Business of the internet commercialization ?
3. Attempt any *two* of the following : 8
- (a) Explain in detail consumer oriented e-commerce.
 - (b) Explain EDI applications in business.
 - (c) Explain Internet as a network infrastructure.
4. Attempt any *one* of the following : 8
- (a) Explain in detail inter-organizational electronic commerce supply chain management.
 - (b) Explain EDI implementation in detail.
5. Write short notes on any *two* : 8
- (a) Distributed Network
 - (b) Disadvantages of E-commerce
 - (c) Components of the I-way
 - (d) Message security.