

(i) Printed Pages : 2

Roll No.

(ii) Questions : 9

Sub. Code :

2	6	0	3	9
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Exam. Code :

0	4	6	0
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**M.Sc. Information Technology 2nd Semester
(2056)**

E-COMMERCE AND EMERGING TRENDS

Paper : M.S-65

Time Allowed : Three Hours]

[Maximum Marks : 80

Note :— Attempt **FIVE** questions in all, including Q-9 in Section-E, which is compulsory and taking **ONE** each from Section-A to Section-D.

SECTION—A

1. What do you mean by e-Commerce? Differentiate between e-Commerce and Traditional Commerce. What is the impact of cyber security on e-Commerce? 16
2. (a) "Digital signatures are more authentic than Electronic Signatures." Comment.
(b) Name and explain various types of e-payment systems. 8,8

SECTION—B

3. Define Business Intelligence (BI). What is the purpose of Business Intelligence (BI)? Discuss the historical development of BI. 16

4. What are the basic components of an online reservation system? Discuss online reservation strategies and approaches using BI. 16

SECTION—C

5. Define Cloud Computing. List and explain the four categories of cloud deployment models. Discuss the key advancements that took place in cloud computing. 16
6. (a) Briefly discuss the classification of parallel computers on the basis of the structure of the computers.
- (b) Discuss the shared memory model for parallel programming. 8, 8

SECTION—D

7. Differentiate between grid and mobile computing with respect to their characteristics, physical structure, hardware, resources, applications, networking, and scalability features. 16
8. (a) What is a cellular network? Explain its various components.
- (b) Explain mobile computing architecture with the help of a diagram. 8, 8

SECTION-E (Compulsory Question)

9. (a) Discuss the legal and policy environment of e-commerce.
- (b) Discuss some of the applications of Business Intelligence.
- (c) Describe the basic component of a SaaS-based solution for cloud computing.
- (d) Explain the features of Android. 4, 4, 4, 4