(i) **Printed Pages: 2**   **Roll No.** ....

(ii) **Questions** : 9   **Sub. Code :** | 3 | 6 | 1 | 3 |

                                    Exam. Code : | 0 | 4 | 6 | 0 |

M.Sc. (Information Technology) 2nd Semester

1059

E-COMMERCE AND EMERGING TRENDS

Paper—M.S-65

Time Allowed : Three Hours]   **[Maximum Marks : 80**

Note :— Attempt *five* questions in all; select *one* question from each Part-A, Part-B, Part-C and Part-D carrying equal marks. Part-E is compulsory.

PART—A

1. (a) What are the different types of E-commerce ? Discuss in detail.   8

    (b) Discuss in detail the E-commerce Infrastructure.   8

2. Explain the various electronic payment systems.   16

PART—B

3. Discuss in detail various OLAP architectures.   16

4. Write short notes on the following :

    (a) Supply chain management

    (b) Semi-structured digital data

    (c) Business intelligence

    (d) Online publishing.   4×4=16

PART—C

5. (a) What is parallel computing ? Explain two main MIMD systems. 8

   (b) Discuss any two parallel programming model. 8

6. Explain in detail the various cloud service models. 16

PART—D

7. (a) What is GSM ? Explain its architecture and services in detail. 10

   (b) Discuss various features of mobile operating system. 6

8. Explain the following :

   (a) GPRS

   (b) Symbian

   (c) EDGE

   (d) Grid Architecture. 4×4=16

PART—E

9. (a) What is meant by digital signature ?

   (b) Write a short note on EDI.

   (c) Discuss briefly about firewall.

   (d) Define OLTP.

   (e) What is SISD ?

   (f) Write a note on CDMA.

   (g) Discuss briefly Adhoc network.

   (h) Write a short note on Supercomputer. 8×2=16