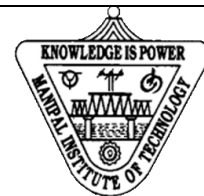


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**MANIPAL INSTITUTE OF TECHNOLOGY**  
 (Constituent Institute of Manipal University)  
 MANIPAL-576104



**II SEMESTER M.TECH (CSE & CSIS) DEGREE**  
**END-SEMESTER EXAMINATION- MAY/JUNE 2016**  
**SUBJECT: SECURE E-COMMERCE (CSE 546)**  
**DATE: 14-05-2016**

TIME: 3 HOURS

MAX.MARKS: 50

**Instructions to Candidates**

**Note: ANSWER ANY FIVE FULL QUESTIONS. Missing data, if any may be suitably assumed.**

- 1A. What is E-commerce? Explain the anatomy of E-commerce Applications.
- 1B. What are the functions of supply chain management? Explain. (5+5)
- 2A. Distinguish between Just-In-Time Manufacturing and Quick Response Retailing.
- 2B. Briefly explain the different types of E-commerce. Give a suitable example for each.
- 2C. What are the measures taken to provide secure ATM transactions? (4+4+2)
- 3A. Describe the Mercantile Process model from merchant's perspective.
- 3B. What are the properties of E-Cash? What are the advantages and disadvantages of E-Cash?
- 3C. Explain the different types of credit card based electronic payment systems. (4+3+3)

- 4A. Explain the design of electronic payment systems.
- 4B. Briefly explain the layered architecture of EDI.
- 4C. Explain how EDI is useful in Health care and Insurance Sectors. (3+3+4)
- 5A. What is Trade Point Global Network?
- 5B. What are Value Added Networks? Explain IEEE 802.11i Key Management Phase.
- 5C. Draw a neat diagram and explain WAP programming model. (2+5+3)
- 6A. What are the different approaches for ensuring WAP2 end-to-end security?
- 6B. What are software agents? What are their properties? Give an example of a software agent for E-commerce.
- 6C. Briefly explain interactive marketing process on the Internet. (3+4+3)

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