

## ***B. Tech Degree VII Semester Examination, November 2008***

### **IT 703 ELECTRONIC DATA INTERCHANGE** (Common for 1999 & 2002 Schemes)

Time : 3 Hours

Maximum Marks : 100

- I. (a) What is EDI? Explain its historical background. (8)  
 (b) How EDI works? (7)  
 (c) Write a note on EDI in India. (5)
- OR**
- II. (a) What are strategic implications of EDI? (8)  
 (b) Explain the implementation guidelines of EDI. (7)  
 (c) What is EDIFACT? (5)
- III. (a) Write a note on Trading Partner Agreements. (5)  
 (b) Explain the issues that arise in International Trade. (7)  
 (c) Explain the issues in a Future Global Trading Network. (8)
- OR**
- IV. (a) What are the legal and audit issues of EDI? (7)  
 (b) What is EDP auditing? Explain the various phases involved in EDP auditing. (8)  
 (c) Write a note on Fraud Detection and Prevention in EDI environments. (5)
- V. (a) Describe knowledge management issues. (7)  
 (b) Explain open EDI model with a diagram. (8)  
 (c) Explain Business Re-engineering. (5)
- OR**
- VI. (a) Explain Business Re-engineering Requirements. (5)  
 (b) Describe software interfaces for Commercial integration in EDI. (8)  
 (c) Explain knowledge based design for EDI integration. (7)
- VII. Explain the following with suitable examples :  
 (i) International Trading Networks  
 (ii) APEC and its relevance  
 (iii) Communication protocols used in EDI  
 (iv) Corporate gateways (20)
- OR**
- VIII. (a) Explain the significance of EDI Networking and the role of corporate gateways. (10)  
 (b) Describe the role of EDI in international trade. (10)
- IX. (a) Why EDI Systems are more vulnerable than the systems they replace? (5)  
 (b) Briefly explain any two symmetric key algorithms. (15)
- OR**
- X. (a) Briefly explain any one asymmetric key algorithm. (5)  
 (b) Explain key management. (5)  
 (c) Describe EDI Security threats. (10)

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