

CS/B.TECH/CSE/EVEN/SEM-8/CS-802E/2015-16



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Paper Code : CS-802E

E-COMMERCE

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own
words as far as practicable.*

GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following :

10 × 1 = 10

i) Which one of the following is not an E-Commerce ?

- | | |
|--------|---------|
| a) B2C | b) B2G |
| c) B2D | d) B2B. |

ii) The default port of HTTP is

- | | |
|-------|--------|
| a) 81 | b) 80 |
| c) 70 | d) 71. |

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iii) ISP stands for

- a) Internet Service Provider
- b) Internet Service Protocol
- c) Intranet Service Protocol
- d) none of these.

iv) Electronic commerce is enabled by

- a) EDP era technologies
- b) MIS era technologies
- c) Internet era technologies
- d) all of these.

v) Friction in a transaction is defined as

- | | |
|-------------|-------------------|
| a) overhead | b) loss |
| c) profit | d) none of these. |

vi) Flood attack by attackers happens on

- | | |
|-----------|------------|
| a) router | b) hub |
| c) switch | d) server. |

vii) Which one of the following is ASCII protocol ?

- | | |
|---------|---------|
| a) SNMP | b) SMTP |
| c) SET | d) PGP. |

viii) Credit Card payment is under

- | | |
|-------------------|-------------------|
| a) B2B e-commerce | b) B2C e-commerce |
| c) C2C e-commerce | d) none of these. |

ix) E-trading is also called

- | | |
|----------------|----------------------|
| a) E-brokering | b) E-supply |
| c) E-auctions | d) both (a) and (b). |

- x) DES stands for
- Data Encryption Standard
 - Digital Encryption Standard
 - Double Encryption Standard
 - Data Encryption System.

GROUP - B**(Short Answer Type Questions)**

Answer any *three* of the following. $3 \times 5 = 15$

- Define Electronic Data Interchange. What are the components of Electronic Data Interchange ? $2 + 3$
- Explain how SSL protocol is used for secure transaction. Explain the advantages of e-commerce. $3 + 2$
- Discuss in brief virtual auction. Explain the differences between virtual auction and reverse auction. $2 + 3$
- What is Firewall ? State the function of Firewall in e-commerce. $2 + 3$
- What role does SCM play in Business to Business model i.e. B2B e-commerce ?

GROUP - C**(Long Answer Type Questions)**

Answer any *three* of the following. $3 \times 15 = 45$

- Explain the different types of digital documents. How risk is handled in e-Payment system ? Explain how Smart Cards and Credit Cards have roles in e-commerce applications. $5 + 5 + 5$

- Describe the functional requirements for online selling and what specialized services and servers perform these functions. Who are the stakeholders in e-commerce information system ? Explain the benefits and limitations of e-commerce. Explain the concept of 'Business Content' in SAP Business Information Warehouse. $5 + 2 + 3 + 5$
- Define digital cash or e-cash. Explain with example how an online banking system works.
 - Explain the working principle of DES algorithm. $4 + 6 + 5$
- Distinguish between SSL and SET protocol. Explain EAN coding system for EDI message. Explain the ways and means of protecting online website operations from hackers. $5 + 5 + 5$
- Write short notes on any *three* of the following : 3×5
 - RSA algorithm
 - Trade cycle and different stages of a Trade cycle
 - Data Warehouse
 - Decision support system
 - Collaborative computing.