Name : ....

Roll No. : ....

Invigilator's Signature : ....

CS/B.TECH(CSE)/SEPARATE SUPPLE /SEM-8/CS-801E/2011

2011

E-COMMERCE & ERP

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)   SET protocol is used for

        a)   securing message transfer

        b)   securing card transaction

        c)   securing authentication

        d)   securing overall e-Commerce.

    ii)   A/an .... is a network that links selected resources of a company's internet what its customers, suppliers or other business partners.

        a)   internet   b)   extranet

        c)   VPN   d)   wide area network.

SS-227   [Turn over

iii) How many types of trade cycle are there in e-commerce ?

    a)   One   b)   Two

    c)   Three   d)   Four.

iv) eBay is an example of a/an .... e-commerce site.

    a)   B2C   b)   EDI

    c)   C2C   d)   B2B.

v) The main purpose of digital signature is

    a)   non-repudiation   b)   authenticity

    c)   confidentiality   d)   all of these.

vi) VAN provides

    a)   secure connection

    b)   restore transmission

    c)   communication with other VAN's

    d)   all of these.

vii) The equipments required in a call centre are

    a)   Cables   b)   Headsets

    c)   LAN   d)   all of these.

viii) A firewall may be implemented in

    a)   routers which connect intranet to internet

    b)   bridges used in an intranet

    c)   expensive modem

    d)   user's application programs.

ix) DES is a

    a)   Secret key symmetric algorithm

    b)   Secret key asymmetric algorithm

    c)   Public key symmetric algorithm

    d)   none of these.

x) Example(s) of e-money is /are

    a)   Credit card   b)   Debit card

    c)   Charge card   d)   all of these.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following   3 × 5 = 15

2. Explain the features needed for a B2B platform.

3. Explain SET protocol.

4. Distinguish between private key and public key cryptography.

5. What do you mean by knowledge engineering and business process redesign ?

6. What is ERP's role in SCM ?

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.   3 × 15 = 45

7. a)   What is E-commerce ?

    b)   Describe some of the advantages and the limitations of E-commerce.

    c)   What are the threats of E-commerce ?

    d)   What is E-governance ?   2 + 6 + 4 + 3

8. a) What do you mean by supply chain of E-commerce ?

   b) Why is Supply Chain Management vital for E-commerce ?

   c) Explain the role played by E-supply Chain planning tools in managing the supply chain of an E-business.

   d) How does supply chain management portals help E-commerce in managing supply chain ?   2 + 3 + 5 + 5

9. a) What is EDI ? What are the advantages of EDI ?

   b) What is UN/EDIFACT ?

   c) What is Firewall ?

   d) State the functions of Firewall in e-Commerce ?

                                                2 + 4 + 3 + 2 + 4

10. a) What is ERP ? Why BPR is required prior to ERP implementation ?

    b) What are the reasons for the growth of ERP market ? What are the advantages of ERP system ?   1 + 3 + 5 + 6

11. Write short notes on any *three* of the following :   3 × 5

    a) VPN

    b) Digital Certificate

    c) CRM

    d) Data Warehouse

    e) SCE framework.

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