

**GROUP- C**

( Long Answer Type Questions)

Answer any *three* of the following questions.

3x15=45

7. a) What is Digital signature How they differ from Digital certificate?  
b) Given two prime nos. P =17. Q =29. Find out N, E and D in RSA encryption.  
c) What is firewall? State the function of firewall in e-commerce. (2+2)+6+(2+3)=15
8. a) What is call center? Discuss about the call center equipment.  
b) What are the modes of operation of call center?  
c) What is Customer Premises Equipment ( CPE ) ? What do you mean by Denial of Service Attacks? (3 + 4 ) + 3 + ( 2 + 3 )
9. a) What is EDI ?  
b) What are the basic components of EDI ? Describe briefly.  
c) What role does it play in e-commerce ?  
d) Explain EDIFACT.  
e) Briefly explain the benefits of ED (1+4+4+4+2)
10. a) Define ERP. How can information be integrated using ERP?  
b) What are the reasons for the growth of ERP market? What are the advantages of ERP system? 4 + 5 + 6
11. Write short notes on any *three* of the following:  
a) EAI                      b) SCE framework                      c) BAAN  
d) SAP                      e) VPN    3x5

x-x-x

**2014****E-Commerce**

Time Allotted : 3 Hours

Full Marks : 70

The figure 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 x 1 = 10

- i) EDI requires
  - a) representation of common business documents in computer readable form
  - b) data entry operators by receivers
  - c) special value added networks
  - d) special hardware at co-operating business premises.
- ii) By security In e-Commerce we mean
  - I. protecting an organization's data resource from unauthorized access
  - II. preventing disasters from happening
  - III. authenticating messages received by an organization
  - IV. protecting messages sent on the Internet from being read and understood by unauthorized persons/

organizations

- a) I, II                      b) II, III  
c) III, IV                    d) I, III, IV
- iii) 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.
- iv) Public key encryption method is a system  
a) which uses a set of public keys one for each participant in e-commerce  
b) in which each person who wants to communicate has two keys: a private key known to him only and a public key which is publicized to enable others to send message to him  
c) which uses the RSA coding system  
d) which is a standard for use in e-Commerce.
- v) In electronic cash payment  
I. a customer withdraws 'coins' in various denominations signed by the bank  
II. the bank has a database of issued coins  
III. the bank has a database of spent coins  
IV. the bank cannot trace a customer.  
a) I, II                      b) I, II, III  
c) I, II, III, IV            d) II, III, IV
- vi) SET protocol is use for  
a) Securing message transfer  
b) Securing card transaction  
c) Securing authentication  
d) Securing overall e-Commerce

- vii) A key is a  
a) Value                      b) Logic  
c) Function                  d) All of these
- viii) Which model of e-commerce deals with virtual auction?  
a) Aggregator model              b) Community model  
c) Info-mediary model              d) Brokerage model.
- ix) A/An \_\_\_\_\_ is a network that links selected resources of a company's internet with its customers, suppliers or other business partners.  
a) internet                      b) extranet  
c) VPN                          d) wide area network
- x) How many types of trade cycle are there in e-commerce?  
a) One                          b) Two  
c) Three                        d) Four

### GROUP- B

( Short Answer Type Questions)

Answer any *three* of the following. 3x5=15

- What do you mean by knowledge engineering and business process redesign?
- Explain E-Governance with suitable examples.
- What are the benefits and points of concern in CPD ?
- What is BPR ? Explain with an example.
- Distinguish between CRM and SRM.