Maharshi Dayanand University,Rohtak
MBA – 1st Semester
MBA-2.16DE
Computer Application in Management

KENT
INSTITUTE OF HIGHER EDUCATION

JULY 2005

Time : Three Hours   Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

Unit-I

1. What is Computer? What are its types? Also briefly explain the major applications of computers in business.
2. (a) How machine level language is different form high-level language?
   (b) "Operating System works as a resource manager" justify.

Unit-II

3. Write notes on the following:
   a. Analog Signals
   b. Long distance communication
   c. Bandwidth.
4. What do you understand by Network topology? Explain various topologies used in computer networks along with their relative advantages and disadvantages.

Unit-III

5. What do you understand by database management system? Discuss in detail the common advantages and limitations of a database.
6. Distinguish between:
   (i)   Entities and Attributes
   (ii)   Schema and Subschema

Unit-IV

7. Write short notes on the following:
   (a) e-Commerce Framework
   (b) Internetworking
   (c) Internet protocol Address
8. What do you mean by Internet security? What can be the techniques that would help in securing the Internet?

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Unit-I

Q:1 Discuss the scope of computer applications in the field of business with special reference to Indian Context. Where do the competencies lie in Indian technological environment ?

Q:2 Describe the functions of an operating system. Write a detailed note on the Windows operating system.

Unit-II

Q:3 What is a network ? Distinguish between LAN and WAN. Discuss various topologies of networking. Highlighting the major difference between star topology and ring topology of networking. Explain the Advantages and disadvantages of these topology.

Q:4 Cite various internet applications for a business firm highlighting benefits of internet technology.

Unit-III

Q:5 How database are fast becoming an integral part of all the business over computers ? Discuss the various advantages and disadvantages of a database.

Q:6 Cite examples to differentiate between the following :

(a) Entities & Attributes,

(b) Schema & Subschema.

Unit-IV

Q:7 (a) What is a web browser ?

(b) What is the security issues concerning E-Commerce ?

Q:8 Explain the network infrastructural requirements of E-Commerce in detail. What technological and economic considerations block the growth of E-Commerce applications ?

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UNIT-I

Q:1   Draw the component block diagram of a computer . Describe the limitations of computers.

Q:2   "Operating System works as a resource manager. " Justify the statement.

UNIT-II

Q:3   Highlight the major difference between star topology and ring topology of networking. Explain the advantages and disadvantages of these topologies.

Q:4   Write notes on the following :

(i)   Analog and digital signals
(ii)   Bandwidth

UNIT-III

Q:5   Explain the concept of database with its relevant advantages and disadvantages. What are the characteristics of an ideal database?

Q:6   What is entity , entity type , entity sets and attribute ? Explain the concepts to define relationships among entities. How E-R diagram are useful?

UNIT-IV

Q:7   Discuss what changes an organization needs to make to switch over to e-business ? Discuss the limitations of e-commerce.

Q:8   Explain various uses of MS Power Point for the business managers.