MN3ACT

Time :2 Hrs   **MARKS:60**

Note: 1. All the question are compulsory.

        2. All questions carry equal marks.

Q.1.   A.   **Select the appropriate option from the following.**   **(6)**

   1.   Which protocols are used for receiving email?

     a) SMTP and POP3   b) SMTP and MIME

     c) MIME and IMAP   d) POP3 and IMAP

   2.   The _____ layer performs the task of compression and encryption.

     a) Physical   b) Presentation

     c) Session   d) Transport

   3.   The database and DBMS software together is called as _____ system.

     a) program   b) database

     c) table   d) model

   4.   Which of these contain pre-made tables for common database applications?

     a) Design View   b) DataSheet View

     c) Template View   c) None of these

   5.   Which data type is most suitable for storing the primary key?

     a) Hyperlink   b) Text

     c) OLE Object   c) AutoNumber

   6.   Which of the following operations can be carried out on a table?

     a) Sort records in ascending/descending order

     b) Hide certain columns

     c) Search records satisfying a particular condition

     d) All of above.

Q.1 B. State whether the following statements are true or false. (6)

1. Boolean operators can be used refine the results of a search engine.

2. .in is a top level domain.

3. The DDL is the language used primarily for data manipulation and processing.

4. Files produced in Access 2007 have the filename extension mdbx.

5. In a table two records can have the same primary key.

6. A split form can display only one view at a time.

Q.2 Attempt any two Sub-question from a,b,c (12)

a. Explain any three layers of OSI Model with diagram.

b. Explain different features of Java Programming Language.

c. Write short note on :
   i) World Wide Web   ii) Telnet

Q.3 Attempt any two Sub-question from d,e,f (12)

d. What is DBMS? What are the advantages and disadvantages of DBMS.

e. Explain different types of Databases.

f. Explain the following terms:
   i) Relationship   ii) Attribute   iii) Join

Q.4 Attempt any two Sub-question from g,h,i (12)

g. Explain different types of datatypes in MS Access.

h. Write the steps to find a record in a table.

i. Write note on LOOKUP FIELD.

Q.5 Attempt any two Sub-question from j,k,l (12)

j. What is relationship? Which are the different types of relationships? Explain.

k. What are the steps to create a query in a design view.

l. Write the steps to create mailing labels.