**Time : 2 $\frac{1}{2}$ Hrs.**                                                     **Maximum Marks : 75**

**Note :**     **1) All questions are compulsory.**
                  **2) All questions carry equal marks.**

**Q.1     A.     State whether the following statements are True or False : (Attempt any Eight)          (8)**

1.   TCP/IP consist of only one protocol.
2.   The opening page of a website is called its home page.
3.   .in is a top level domain.
4.   The DDL is the language used primarily for data manipulation and processing
5.   A query can be given in any form and there is no fixed language for it.
6.   Primary key is unique key for each record in a table.
7.   Fields can be added or deleted from a query in the Design view.
8.   The date and time formats that appear in a report cannot be modified.
9.   In a database, data must be organized.
10.  We cannot print selected records from a table.

**Q.1     B.     Select the appropriate option from the following: (Attempt any Seven)          (7)**

1.   _____ organization discusses the technical and operational problems of internet.
     a)   UNO     b) ITU          c) InterNIC          d)   IETF

2.   HTML uses _____
     a) Predefined tags               b) User-defined tags
     c) Tags only for linking         d) Tags only for page formatting.

3.   A _____ is the connection between the data stored in one relational database table
     and another.
        a)   Relationship        b) Connection      c) Tuple     d) attribute

4.   Access 2007 database can contain which objects?
        a)   Tables              b) Forms          c) Queries          d) All of these.

5.   The option to import data from Excel spreadsheet is found in which of these tabs?
        a)   Create      b) External data    c) Datasheet       d) Database tools

6.   The filename extension of Access database files is _____
            a)   .ACCDB   b) .MDB     c) .XLS       d)     .DOCX

7.   The speed mismatch between sender and receiver is called _____
        a)   Error control   b) flow control    c)   Speed error    d)Transmission control

8.   The full form of IMAP is _____
     a) Internet Mail Access Protocol              b) Intranet Mail Access Protocol
     c) Internet Message Access Protocol        d) Internet Mail Availability Protocol

9.   Search engine is a program to search ………………
     a)        Information                              b) Web pages
     c)        Web pages that match a query        d) Web page for specific index number

10. Which of the following operations can be carried out on a table?
a) Sorting Records          b) Hiding certain columns
c) Searching a record satisfying condition.     d) All of the above.

**Q.2   A     Attempt any ONE sub-question from a) ,b):**

a.    Write short note on: i)Browser        ii)World Wide Web     **(8)**
b.    Explain any four layers of the OSI model.     **(8)**

Q.2   B     **Attempt any ONE sub-question from c) , d):**

c.    Explain Internet and its applications.     **(7)**
d.    What is Telnet? What is it used for?     **(7)**

**Q.3   A     Attempt any ONE sub-question from a) , b):**

a.    What is a DBMS? What are its advantages and disadvantages?     **(8)**
b.    Explain the following terms with examples:     **(8)**
     i)    Entities    ii) Attribute     iii) Instance     iv) Relation

Q.3   B   **Attempt any ONE sub-question from c) , d):**

c.    Explain with the help of an example use of Join with reference to relational database.     **(7)**
d.    Explain different types of databases.     **(7)**

**Q.4   A     Attempt any ONE sub-question from a) , b):**

a.    Explain the following and also write the steps for:     **(8)**
     (i) Importing data from Excel.     (ii) Use of Input mask wizard
b.    Explain any four data types in Access with examples.     **(8)**

Q.4   B     **Attempt any ONE sub-question from c) , d):**

c.    Explain the following in Access with example:     **(7)**
     (i) Sort     (ii) Filter
d.    Explain how datasheet view differs from design view for a table?     **(7)**

**Q.5   A     Attempt any ONE sub-question from a) , b):**

a.    Briefly explain different types of forms in Access.     **(8)**
b.    What are the features of a report? Write the steps to create a report using the report wizard.     **(8)**

Q.5   B     **Attempt any ONE sub-question from c) ,d):**

c.    Explain in detail how to create and modify a query.     **(7)**
d    Write the steps for creating mailing labels.     **(7)**

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