

Time : 2 1/2hrs

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: 8

1. A segment is a unit of data created by the transport layer of the TCP/IP protocol.
2. Browsers can not be used for downloading files.
3. The processed data is called information.
4. Templates are pre-built database focused on a specific task.
5. A database is a connection between two tables where the data from them is merged together.
6. The data in AutoNumber field is automatically increased by one whenever we enter a new record in a table.
7. Form minimizes data entry errors.
8. Once a query has been created, it cannot be modified.

B. Select the appropriate option from the following: 7

1. A data unit created in the Application layer of the TCP protocol is called _____.
 - a) Message
 - b) Bit
 - c) Packet
 - d) Byte
2. Anonymous FTP is the _____.
 - a) Protocol that requires password
 - b) A technique of sending/receiving emails.
 - c) File Transfer Protocol.
 - d) A protocol to take backups on your own computer.
3. Data _____ contains current as well as historical data of the organization.
 - a) warehouse
 - b) models
 - c) base
 - d) companies
4. The default destination for Access database is _____.
 - a) My Computer
 - b) My Documents
 - c) My Databases
 - d) Microsoft Website
5. For what is the AutoNumber data type used?
 - a) Only used by Microsoft Access 2007, usually as a primary key
 - b) Only used when you expect calculations to be done _____.

- c) An element from another application.
- d) To store monetary data.
- 6. In Design View, the three sections of a report, in order, are:
 - a) Page Header, Details, and Page Footer
 - b) Details, Page Header, and Page Footer
 - c) Page Header, Mailing Label, and Page Footer
 - d) Mailing Label, Page Header, and Page Footer
- 7. To add or delete columns in a table, which of these tabs is used?
 - a) Create
 - b) Datasheet
 - c) External Data
 - d) Database Tools

Q.2. Answer the following question (Any 3): **15**

- a) Explain layers of OSI Model.
- b) Write short note on POP3 protocol.
- c) Explain Domain Name System.
- d) What are the advantages of intranet services.

Q.3 Answer the following question (Any 3): **15**

- e) What do you mean by DBMS? What are the advantages of DBMS?
- f) Explain the following terms used in databases
 - 1) Attributes
 - 2) Relation.
- g) Explain the terms DCL and DML with reference to DBMS.
- h) Explain different types of Databases.

Q.4 Answer the following question (Any 3): **15**

- i) Explain Database tab on the ribbon.
- j) Explain any five data types in database.
- k) Write the steps to copy a table.
- l) What is the use of Lookup wizard in database? Write steps for it to create.

Q.5 Answer the following question (Any 3): **15**

- m) What are the steps to design the update query in Design view.
- n) Explain the concept of referential integrity with an example.
- o) Write the steps to create Mailing labels.
- p) Write the steps to create a split form. What is the use of split form.