

Time: 2 $\frac{1}{2}$ Hrs.

Max. Marks: 75

Note: 1) All questions are compulsory.
2) Figures to the right indicate marks.

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

1. The OSI model consists of seven layers.
2. Email is considered as the “Killer app” on Internet.
3. .in is a top level domain.
4. Processed data is called information.
5. Analytical databases store information from both operational and external databases.
6. Database cannot be encrypted with a password.
7. A database can contain only one form.
8. If two tables are joined, we can use the data from both tables in a query.
9. Graphics can be included in a report.
10. A Pivot table can be used to analyze a large amount of data.

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

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. Software such as Firefox, Internet Explorer and Safari are referred to as...

a) Word processors	b) System software
c) Internet tools	d) Browsers
3. The full form of the acronym SMTP is

a) Simple Mail Transfer Protocol
b) Solve Many Transport Protocol
c) Simple Manager Total Protocol
d) Simple Message Transport Protocol
4. The database and DBMS software together is called as..... System.

a) Program	b) Database
c) Table	d) Model
5. To add or delete columns in a table, which of these Tabs is used?

a) Create	b) External Data
c) Datasheet	d) Database Tools
6. The properties of a form can be modified through

a) Design View	b) Datasheet View
c) Pivot Table view	d) Any of these
7. Access 2007 database can contain which objects:

a) Tables	b) Forms
c) Queries	d) All of these

8. What are the different views in which a table can be displayed?
 - a) Design View
 - b) Pivot Table and Pivot Chart View
 - c) Datasheet View
 - d) All of the above

9. Which data type is most suitable for storing the primary key?
 - a) Hyperlink
 - b) Text
 - c) OLE Object
 - d) AutoNumber

10. Which of these is not a feature of HTML?
 - a) Displaying images
 - b) Displaying video
 - c) Linking documents
 - d) Performing calculations

- Q.2 A) Attempt any One sub-question from a, b**
- a. Explain all layers of TCP/IP Protocol. **(8)**
 - b. Write short note on 1) FTP 2) MIME **(8)**
- Q.2 B) Attempt any One sub-question from c, d**
- c. Explain Internet with different types of Internet connections. **(7)**
 - d. What are the advantages of E-mail? **(7)**
- Q.3 A) Attempt any One sub-question from a, b**
- a. What do you mean by RDBMS? What are the limitations of DBMS? **(8)**
 - b. Explain the following terms used in databases: **(8)**
 - 1) Relation
 - 2) Entities
 - 3) Attribute
 - 4) Instance
- Q.3 B) Attempt any One sub-question from c, d**
- c. Explain the term relationship and join with reference to relational databases. **(7)**
 - d. Explain the terms DDL, DCL and DML with reference to DBMS. **(7)**
- Q.4 A) Attempt any One sub-question from a, b**
- a. Explain the different data types used in database. **(8)**
 - b. What are the steps to import the data from excel file. **(8)**
- Q.4 B) Attempt any One sub-question from c, d**
- c. What is the Input Mask wizard used for? **(7)**
 - d. Explain the steps to hide and unhide a column. **(7)**
- Q.5 A) Attempt any One sub-question from a, b**
- a. Explain how a query can be created in Design View? **(8)**
 - b. What is a form? Write the steps to add a calculated control to a form. **(8)**
- Q.5 B) Attempt any One sub-question from c, d**
- c. Write the steps to create mailing labels. **(7)**
 - d. Write the steps to create a report using the Report Wizard. **(7)**

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