

Note :- 1) All questions are compulsory

2) All questions carry equal marks.

Q.1 A) Select the appropriate option from the following & rewrite the statement. [6]

1) Which of these is incorrect about Java ?

- a) It can be used for linking to an online database.
- b) It can be used for creating Chat applications.
- c) It is not suitable for mobile devices.
- d) It is used for creating applets.

2) language is used primarily for data manipulation & processing.

- a) DDL c) DCL
- b) DML d) DPL

3) Which of the following database object produces the final output of queries ?

- a) Table c) Forms
- b) Queries d) Reports

4) Which key uniquely identifies a record in a table ?

- a) Unique Key b) Primary Key
- c) Key Records d) Major Key

5) A Main / Subform design is based on a :

- a) Many - to - One relationship
- b) Many - to - Many relationship
- c) One- to - one relationship
- d) One - to - Many relationship

6) Which of these is used to create mailing labels :

- a) Form Wizard c) Query Wizard
- b) Report Wizard d) Lables Wizard

B) State whether the following statements are true or false. [6]

- 1) The POP protocol is used to link various documents on the Internet.
- 2) A search engine is essential to locale information on the Internet.
- 3) A Database is a connection between two tables where the data from them is merged together.
- 4) Only offline help is available in Access 2007.
- 5) We cannot print selected records from a table.
- 6) By default, Access places only the primary field of a table on a form.

Q. 2. Attempt any Two sub-question from a, b & c in Ms. Access. [12]

- a) Explain OSI Reference Model in detail with diagram.
- b) What are the different features of Java programming language.

c) Write Short Note :

- i) FTP
- ii) HTML

- Q. 3. Attempt any two Sub-questions from d, e & f in Ms. Access. [12]
- d) What is Database ? What are the different advantages of database.
 - e) Explain the term relationship & join with reference to relational databases.
 - f) Explain the following terms used in databases with example.
 - a) Relation
 - b) Entities
 - c) Attribute or Tuple
 - d) Instance
- Q. 4. Attempt any two-sub question from g, h & i in Ms Access. [12]
- g) Explain different datatypes used in Microsoft Access with example.
 - h) Explain the steps to filter a table based on some criteria. Explain with example.
 - i) Write the steps for importing data from Excel.
- Q. 4. Attempt any two-sub question from j, k & l in Ms Access. [12]
- j) Write the steps to add a calculated control to a form.
 - k) Write steps to create a Blank Report.
 - l) Explain the concept of referential integrity with an example.

