Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

1   Write down answer for the following questions in one   **20**
     or two statement :

(1)   Define Software Bug.

(2)   What is Information System?

(3)   Which are the roles of System Analyst?

(4)   What is Static Testing?

(5)   Define LOC.

(6)   What is the full form of ISO?

(7)   What is Use Case?

(8)   Give name of any two relational databases.

(9)   What is the full form of SDLC?

(10)   What is Switchboard?

(11)   Which are the two types of Data Access Page?

(12)   What is Normalization?

(13)   List any four actions name in Macro.

(14)   DSS stands for _____.

(15)   Which are the two types of DFD?

(16)   A top level zero diagram is also known as _____.

(17)   What is V&V in testing?

(18)   Which query is used for generating a summary like
       Sum, Min, Max, and Average etc. in table?

(19)   Which are the two options for referential integrity?

(20)   _____ view is used to make a change in table structure.

2 (a) Attempt any **three** :   6
      (1) List different ways to create a report in Access.
      (2) What is SQA?
      (3) What is White Box Testing?
      (4) Explain Append Query.
      (5) What is Data Dictionary?
      (6) What is Form?

   (b) Attempt any **three** :   9
      (1) Explain Decision Tree.
      (2) Explain DFD with example.
      (3) What is Query?
      (4) Write an object naming rules in MS Access.
      (5) Explain Decision Table.
      (6) What is Relationship?

   (c) Attempt any **two** :   10
      (1) Explain fact finding techniques.
      (2) Explain E F Codd Rules.
      (3) Explain SDLC in detail.
      (4) Explain Field Properties.
      (5) Explain Different Key for columns.

3 (a) Attempt any **three** :   6
      (1) What is UML?
      (2) List benefits of DFD.
      (3) What is Software Engineering?
      (4) Explain Report.
      (5) Explain Test Case.
      (6) Explain Unit Testing.

   (b) Attempt any **three** :   9
      (1) Explain Symbol of DFD.
      (2) Explain 4Ps.
      (3) Explain System Testing.
      (4) Explain data types in Access.
      (5) Explain Macro with example.
      (6) Write attributes of System Analyst.

   (c) Attempt any **two** :   10
      (1) Explain Class diagram.
      (2) Explain Time Line chart.
      (3) Write a note on Action Query.
      (4) Explain Parameterized query with example.
      (5) Explain Non-Functional Testing.