SAINIK SCHOOL GOPALGANJ
SUB: COMPUTER SCIENCE
CLASS – XII

ASSIGNMENT - 2

Lesson: 11: Database Concept

A.   (Q1 to Q10) There are four options against each question. Choose the option which you   consider the most appropriate as your answer.

1.   In RDBMS terminology, table is known as

   (A) Database   (B) Relation

   (C) View   (D) None of these

2.   In RDBMS, database is

   (A) Structured   (B) Unstructured

3.   Key to represent relationship between tables is called

   (A) Primary key   (B) Secondary Key

   (C) Foreign Key   (D) None of these

4.   _____ are called attributes in a relation

   (A) Row   (B) Column

   (C) Relation   (D) None of these

5.   In RDBMS terminology, row is called

   (A) Attribute   (B) Tuple

   (C) Relation   (D) None of these

6.   In RDBMS terminology, column is called

   (A) Attribute   (B) Tuple

   (C) Relation   (D) None of these

7.   For creating relationship _____ key required in secondary table.

   (A) Primary   (B) Foreign

   (C) Alternate   (D) Candidate

8.   Which of the following operation is used if we are interested in only certain columns of a table?

   (A) PROJECTION   (B) SELECTION

   (C) UNION   (D) JOIN

9.   Which of the following operation is used if we are interested in only certain rows of a table?

   (A) PROJECTION   (B) SELECTION

   (C) UNION   (D) JOIN

10.   Primary key field derived from

   (A) Candidate key.   (B) Alternate key

   (C) Unique key   (D) Foreign key

B.   Short Answer Questions:

   a) What is relation?
   b) What is attribute?
   c) What is tuple?
   d) What is degree?
   e) What is cardinality?

C.   Long Answer Questions:

   a) Describe the various data models used in Database system?
   b) What do you understand by primary key? Give a suitable example of Primary key from a table containing some meaningful data.
   c) What do you understand by candidate key? Give a suitable example of Candidate key from a table containing some meaningful data.
   d) What is the importance of Primary key in a table? Explain with proper example.
   e) Describe the advantages of using Database System.