International Institute of Health Management Research
Term End Examination
Sub: HIT705 Managing Database

Max. Mark: 70 **Max Time: 03:00 Hrs**

PART A

Attempt all Questions **10*2 M**

1. Which one of the following is used to define the structure of the relation ,deleting relations and relating schemas ?
   a) DML(Data Manipulation Langauge)
   b) DDL(Data Definition Langauge)
   c) Query
   d) Relational Schema
2. Create table patient (name varchar ,id integer) What type of statement is this ?
   a) DML
   b) DDL
   c) View
   d) Integrity constraint
3. To remove a relation from an SQL database, we use the _____ command.
   a) Delete
   b) Purge
   c) Remove
   d) Drop table
4. In a relational model, relations are termed as
   a) Tuples
   b) Attribute
   c) Table
   d) Row
5. Select _____ dept_name from doctor;
   Here which of the following displays the unique values of the column ?
   a) All
   b) From
   c) Distinct
   d) Name
6. An _____ is a set of entities of the same type that share the same properties, or attributes.
   a) Entity set
   b) Attribute set
   c) Relation set
   d) Entity model
7. The descriptive property possessed by each entity set is _____
   a) Entity
   b) Attribute
   c) Relation
   d) Model

8. The attribute *name* could be structured as a attribute consisting of first name, middle initial, and last name. This type of attribute is called
   a) Simple attribute
   b) Composite attribute
   c) Multivalued attribute
   d) Derived attribute

9 Which keyword must be used here to rename the field name ?
   a) From
   b) Rename
   c) As
   d) Join

10 SELECT * FROM employee WHERE dept_name="IPD";
   In the SQL given above there is an error . Identify the error .
   a)Dept_name
   b)Employee
   c)"Comp Sci"
   d) From

PART B

Solve Any Two **(2* 15) M**

1. Explain the different types of data model. What are the advantages of Database Management System?
2. Explain with SQL syntax and example (a) order by (b) in (c) between (d) inner join (e) copy data from one table into other table (f) adding of primary key and foreign key
3. Write SQL statements (Query) for following tables:
   doctor(id, name, age, city, deptcode)
   department (deptcode, deptname)
   lab(labid, labname, amount,deptcode)
   1. Retrieve doctor details whose deptcode is 5.
   2 Add new deptname in department table.
   3. Display doctor information whose deptname is opd
   4. Change age of doctor to 60 whose id is 3.
   5. Delete doctor details whose age is 55.
   6. retrieve the doctor details

PART C

Solve Any Two **(2* 10) M**

1. Explain with example SQL LIKE operators with wildcard characters
2. List and explain the Role of DBA.
3. Explain the role of Relational Database Management System in Hospital and Health Management