



UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program :Third Semester – 2020

Paper: Data Base Management System

Course Code: BBA-204/GEN-21131 Part – I (Compulsory) Time: 15Min. Marks: 10

Roll No. in Fig.

Roll No. in Words.

Attempt this Paper on this Question Sheet only.

Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

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Signature of Supdt.:

Q.1. Encircle the right answer cutting and overwriting is not allowed. (10x1=10)

1. A collection of related data.
 - a) Information
 - b) Valuable information
 - c) Database
 - d) Metadata
2. DBMS is software.
 - a) True
 - b) False
3. Which of the following is not involved in DBMS?
 - a) End Users
 - b) Data
 - c) Application Request
 - d) HTML
4. The restrictions placed on the data.
 - a) Relation
 - b) Attribute
 - c) Parameter
 - d) Constraint
5. . IMS stands for?
 - a) Information Mastering System
 - b) Instruction Management System
 - c) Instruction Manipulating System
 - d) Information Management System

6. Object=_____+relationships.
- a) data
 - b) attributes
 - c) entity
 - d) constraints
7. A characteristic of an entity.
- a) Relation
 - b) Attribute
 - c) Parameter
 - d) Constraint
8. Duplication of data in a table is known as _____
- a) Relationship
 - b) Data redundancy
 - c) Data Integrity
 - d) Referential integrity
9. The _____ clause is used to list the attributes desired in the result of a query.
- a) Where
 - b) Select
 - c) From
 - d) Distinct
10. Which one of the following cannot be taken as a primary key?
- a) Id
 - b) Register number
 - c) Dept_id
 - d) Street



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Part – II

Time: 2 Hrs. 45 Min. Marks: 50

ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Q.2. Give short answers of the following:

(10x2=20)

1. Define Database?
2. Explain the Entity?
3. What are the various types of relationships?
4. What is the difference between primary key and foreign key?
5. What is data redundancy?
6. Differentiate between DDL and DML.
7. How a database will be recovered in case of system crash.
8. What is the concept of attribute?
9. What is the use of Entity relationship diagram in database?
10. What is the concept of Data Integrity?

Q.3. Answer the following questions.

(3x10=30)

1. What is SQL and what it is used for?
2. What is Normalization explain with example?
3. What is the difference between flat file database and RDMBS?