

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BBA DEGREE EXAMINATION MAY 2022
(Fourth Semester)

Branch – BUSINESS ADMINISTRATION (INFORMATION SYSTEM)

RELATIONAL DATABASE MANAGEMENT SYSTEMS

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 1 = 10)

- 1 A _____ is a collection of related files that are usually integrated, linked or cross-referenced to one another.
(i) data (ii) information
(iii) database (iv) data field
- 2 DBMS stands for _____.
(i) Database associated (ii) Database administrator
(iii) Database application (iv) Database management system
- 3 _____ is a collection of application program that interacts with the database along with DBMS.
(i) A database system (ii) A database applications
(iii) database administration (iv) Data system
- 4 Which SQL query is used to remove the table and all its data?
(i) Drop table (ii) Remove table
(iii) Alter table (iv) Quit table
- 5 A field used to identify a record is called as a _____.
(i) key (ii) column
(iii) pointer (iv) index
- 6 _____ means multiple copies of the same data items.
(i) Data reduction (ii) Data integrity
(iii) Data consistency (iv) Data redundancy
- 7 The _____ knows the details of the data storage.
(i) Decision support system analyst (ii) database administrator
(iii) database manager (iv) transaction manger
- 8 The file in DBMS is called as _____ in RDBMS.
(i) console (ii) schema
(iii) table (iv) objects
- 9 A _____ in a RDBMS is called as tuple.
(i) column (ii) row
(iii) table (iv) user
- 10 The number of rows in a table is called as its _____.
(i) uniqueness (ii) dimension
(iii) degree (iv) cardinality

Cont...

SECTION - B (35 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 7 = 35)

- 11 a Summarize the concepts of relational database system.
OR
b Mention the various operations of NDS database.
- 12 a Explain the types of operators in SQL* plus with examples.
OR
b Describe the uses of aggregate functions in SQL.
- 13 a Distinguish between the referential and deferrable constraints.
OR
b Enumerate the concept of database objects.
- 14 a Explain the concept of object oriented relational database management systems.
OR
b List out the advantages of PL/SOL.
- 15 a Outline the importance of database triggers.
OR
b Describe out the use of In-Out Parameter used in stored procedures.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Illustrate the types of data models in DBMS.
- 17 Explain the set operations available in SQL with simple example.
- 18 Compare the second normal form and third normal form.
- 19 Discuss the various types of data types in PL/SQL.
- 20 How will you enable and disable the triggers? Explain.

Z-Z-Z

END