

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2018
(Second Semester)

Branch – MATHEMATICS WITH COMPUTER APPLICATIONS

RDBMS

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 2 = 20)

- 1 What is RDBMS?
- 2 Define DML.
- 3 What is table?
- 4 Define database schema.
- 5 Define select clause.
- 6 Explain down operation.
- 7 What is null value?
- 8 Define view.
- 9 Define entity.
- 10 What is attributes?

SECTION - B (25 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Explain the purpose of database system.
OR
b Discuss about data abstraction.
- 12 a Explain the database schema.
OR
b Elaborate select operation.
- 13 a Explain the basic domain types.
OR
b Explain where clause.
- 14 a Discuss about set comparison.
OR
b Describe with clause.
- 15 a Explain the design alternatives.
OR
b Write down relationship sets.

SECTION - C (30 Marks)

Answer any THREE Questions

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

- 16 Briefly explain about data definition language.
- 17 Give detailed notes on Cartesian-product operation.
- 18 Discuss about the rename clause.
- 19 Elaborate aggregate function.
- 20 Explain the Entity-Relationship model.

Z-Z-Z

END