

Roll No. ....

**56526**

**MBA 5 year 2<sup>nd</sup> Semester (N. S.)**

**Examination – July, 2022**

**DATA BASE MANAGEMENT SYSTEMS**

**Paper : 502-P6**

*Time : Three hours ]*

*[ Maximum Marks : 50*

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

Note: The question paper is divided in *two* Sections. Section-A comprises of *five* short answer type questions from whole of the syllabus carrying 2 marks each, which is *compulsory*. Section-B shall comprise *eight* questions; students are required to attempt *four* questions, selecting *one* question from each Unit. All questions will carry equal marks.

**SECTION – A**

1. Short answer types questions :

(a) What is a Database ?

(b) What is SQL ?

(c) What is a Composite Key in RDBMS ?

(d) What are the types of database security ?

(e) What is alternative to remote backup ?

**SECTION – B**

**UNIT – I**

2. What is DBMS ? Explain in detail functions and advantages of a DBMS ?
3. Explain the role and responsibilities of a Data Base Administrator.

**UNIT – II**

4. Write short notes on the following :
  - (a) Objectives of a good Database Design.
  - (b) What is object oriented database in DBMS ?
5. What are the major steps of the database lifecycle ?

**UNIT – III**

6. What is the difference between data architecture and data modeling ?

7. What are the different types of data models ? Discuss in detail.

#### **UNIT – IV**

8. What is database system architecture ? Explain Centralised and Client Server system architecture.
9. What is remote backup system ? What are the issues to be addressed in designing remote backup ?
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