

B.Sc. Semester-II Examination, 2022-23**COMPUTER SCIENCE [Honours]**

Course ID : 21514 Course Code : SH/CSC/203/GE-2

Course Title : **Introductions to Database Systems****[NEW SYLLABUS]**

Time : 1 Hour 15 Minutes

Full Marks : 25

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***UNIT-I**1. Answer any **five** of the following questions:

1×5=5

- What is database?
- What is DBA?
- What do you mean by an entity?
- What is an attribute?
- What is primary key?
- What do you mean by data model?
- What is schema?
- How many types of database languages are possible?

UNIT-II2. Answer any **two** of the following questions:

5×2=10

- What are the advantages of DBMS?
- What are the three levels of data abstraction?
- What is E-R model? Give an example. 3+2
- Explain the integrity rules in DBMS.

UNIT-III3. Answer any **one** of the following questions:

10×1=10

- Define DDL, DML, DCI and TCL. $2\frac{1}{2} \times 4$
- What is normalization? Define 1NF, 2NF, 3NF and BCNF with proper example. 2+(4×2)
