

BACHELOR OF SCIENCE (COMPUTER SCIENCE) (CBCS - 2018 COURSE)
F.Y.B.Sc.(Computer Science) Sem-I : WINTER- 2022
SUBJECT : INTRODUCTION TO RDBMS

Day : Monday

Time : 10:00 AM-01:00 PM

Date : 5/12/2022

W-20066-2022

Max. Marks : 60

N. B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
-

Q.1 Attempt **Any TWO** of the following : **(12)**

- a) What is the use of SQL HAVING clause? Explain with the help of syntax and example.
- b) Explain in detail about various key constraints used in database system.
- c) Explain SQL UPDATE statement with the help of syntax and example.

Q.2 Attempt **Any TWO** of the following : **(12)**

- a) Explain in detail about internal hashing technique.
- b) Describe network model and relational model.
- c) Explain SQL operators : i) LIKE ii) NOT IN iii) IN

Q.3 Attempt **Any TWO** of the following : **(12)**

- a) Explain the syntax and also give an example for SQL ORDER BY clause.
- b) Draw E-R diagram for Airline Reservation System
- c) Explain SQL ALTER statement with syntax and example.

Q.4 Attempt **Any THREE** of the following : **(12)**

- a) Explain the structure of SQL SELECT statement with suitable example.
- b) Explain the concept of files of ordered records.
- c) Write a short note on SQL comments and its types.
- d) Explain SQL nested queries.

Q.5 Attempt **Any FOUR** of the following : **(12)**

- a) List the different operations performed on files.
- b) What is a database view?
- c) Compare primary key and super key.
- d) Write a short note on SQL DROP statement.
- e) What is the use of SQL UNION operator?
- f) What is generalization?

* * * * *