

FYBSC IT/SEM I/REG/Database Management Systems

Time: 1 hr.

Marks:30

Note:

1. All questions are compulsory.
2. Draw neat diagrams wherever necessary.
3. Figures to the right indicate full marks.

Q.1 Answer the following. (Any TWO)

[15]

(a) Explain E-R diagram with its notations.

(08)

OR

(b) Explain Transaction and its states with diagram.

(08)

(c) Explain Data abstraction with details.

(07)

OR

(d) Explain DBMS with its advantages.

(07)

Q.2 Answer the following. (Any TWO)

[15]

(a) What is Normalization? Explain 1NF and 2 NF with suitable example.

(08)

OR

(b) Explain DDL and DML with syntax and suitable example.

(08)

(c) Write SQL query to Create, Update, Delete and to Drop the View.

(07)

OR

(d) Explain Right outer join and Left outer join with suitable example.

(07)

---X---X---