

Total No. of Questions : 4]

SEAT No. :

PF224

[Total No. of Pages : 1

APR-26/SE/Insem-277

S.E. (Information Technology) (Insem)
DATABASE MANAGEMENT SYSTEM
(2019 Pattern) (Semester - IV) (214452)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer Q.1 or Q.2 and Q.3 or Q.4.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data, if necessary.

- Q1)** a) Explain Advantages of DBMS over file processing systems. [5]
b) Explain concept of data abstraction in detail with diagram. [5]
c) Explain different keys with example [5]

OR

- Q2)** a) Explain overall structure of DBMS with diagram. [7]
b) Write note on : [8]
i) DDL
ii) DML

- Q3)** a) List and explain Components of ER model. [6]
b) What is domain explain with example in DBMS. [4]
c) Write a note on views. [5]

OR

- Q4)** a) Explain all Codd's rules in detail. [6]
b) Explain with example concept of naming convention [5]
c) Write a short note on Referential integrities. [4]

