

Total No. of Questions : 4]

SEAT No. :

PB36

[6268]-230

[Total No. of Pages : 1

**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, Q.3 or Q.4.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figure to the right indicates 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]**

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