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## **BCA-202**

**B.C.A. IInd Year Examination, 2022**

**DATABASE MANAGEMENT SYSTEM**

**Paper-II**

*Time Allowed : 1½ Hours*

*Maximum Marks : 100*

**Part-A**

**[Marks : 30]**

**Note** :- Answer all questions (50 words each). All questions carry equal marks.

**Part-B**

**[Marks : 70]**

**Note** :- Answer any two questions (250 words each). All questions carry equal marks.

**Part-A**

1. (i) What is Data Abstraction ?  
(ii) Define Entity.

- (iii) List the types of Attributes.
- (iv) Define Relation.
- (v) What is Candidate Key ? Give example.
- (vi) What is Data Independence ?
- (vii) What is SQL ?
- (viii) Define View.
- (ix) What does DBTG stands for ?
- (x) Write the names of different types of Models in DBMS.

### **Part-B**

- 2. Explain the role of DBA.
- 3. What is E-R diagram ? Explain with examples.
- 4. Explain keys and its types in DBMS.
- 5. What is Relational Model ? Explain with example.
- 6. Explain SQL select statement in detail using suitable example.

7. Write a short note on Embedded SQL.
8. Explain the structure of Network Model.
9. Explain the structure of Hierarchical Model.