



SD-3810

B. Sc. (I.T.) (Sem. II) Examination

April / May – 2011

Introduction to Database Management System

Time : 3 Hours]

[Total Marks :70

Instruction :

नीचे दशावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.
 Fillup strictly the details of signs on your answer book.

Name of the Examination :

Name of the Subject :

Subject Code No. : Section No. (1, 2,.....) :

Seat No. :

Student's Signature

- 1 Do as directed : (any two) 14
 - (i) Define Data, Database, DBMS Database Administrator. Explain Database Administrator in detail.
 - (ii) Compare Record Base, Network and Hierarchical Model with suitable example and figure.
 - (iii) DBMS system structure in detail with figure.

- 2 Do as directed : (any two) 14
 - (i) Define Entity, Entity Set and explain the ER diagram for Hospital Management System.
 - (ii) Explain Super Key, Candidate Key, Primary Key and Foreign Key with appropriate example ?
 - (iii) Explain drawbacks of typical file processing system with suitable example ?

- 3 Do as directed : (any two) 14
 - (i) Which are the different clauses users interacts with the DBMS system ?
 - (ii) Define Domain, Referential and Assertion constraints with example.
 - (iii) Explain the use of DML with different clause and types of DML.

- 4 Do as directed : (any two) 14
- (i) Explain Object Oriented Model with example.
 - (ii) Explain Database User in detail.
 - (iii) Define DDL and DML. Differentiate DDL and DML ?
- 5 Do as directed : (any two) 14
- (i) Define Form ? Explain steps to create Form in detail.
 - (ii) Define Data Abstraction and Data Independence. Explain with suitable example.
 - (iii) Explain types of Attributes, Relationship and mapping cardinality.
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