

Bharati Vidyapeeth
(Deemed to be University), Pune
School of Distance Education

Assignment No.: 1

Course:	BCA	Class:	BCA I	Semester:	II
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Subject:	Database Management System
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Q.1) Attempt ANY ONE of the Following (1000 Words) (10)

- a) What is DBMS? Explain the advantages of DBMS
- b) What is Schema and Instances? Explain 3-tier architecture of DBMS

Q.2) Attempt ANY TWO of the Following (800 Words) (12)

- a) What is Data Model? Explain Hierarchical, Network and Relational Data Model
- b) What is entity, attribute, relationship? Explain different types of attributes
- c) Explain different database users?
- d) What is abstraction? Explain different levels of abstraction

Q.3) Write Short Notes on (ANY TWO) (08)

- a) ACID Properties
- b) Shadow Paging
- c) Functional Dependency
- d) Database Languages

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