

BBA/D-16  
FUNDAMENTAL OF DBMS AND ORACLE  
PAPER-BBA-205

Time Allowed: 3 Hours

Maximum Marks: 80

Note: Attempt five questions in all. Question No. 1 is compulsory. All questions carry equal marks.

Compulsory Question

1. (a) Abbreviate  
DDL, SQL, DBMS, DML  
(b) Differentiate Data and Information.  
(c) Name two Mappings used in 3 views  
(d) Define Primary and Secondary key.  
(e) Define Physical Data Independence.
2. Define Data base, its components and differentiate from Traditional file system.
3. Explain 3 views of Physical Model and discuss working of DBMS.
4. Explain Relational Model and properties.
5. Explain Major advantages of computer in commerce.
6. What is SQL ? Write its components. Write two commands each for each component.
7. Explain operators used in oracle with example.
8. Write note on the following :
  - (a) Scalar functions.
  - (b) Group functions
  - (c) Select with Group by.
  - (d) Select with Order by.