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# Paper Second : 2013 Annual

## DBMS and RDBMS

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### UNIT - 1

- (a) Explain DBMS architecture.
- (b) Draw an E-R diagram for a hospital with a set of patient and set of medical doctor. With each patient a log of the various conducted test is also associate.
- (c) Explain the functions of Database Administrator. (D.B.A)

### UNIT - 2

- (a) Write the characteristics of RDBMS.
- (b) Explain relational algebra or domain relational calculus in brief.
- (c) Explain the pitfalls in relational database designs.

### UNIT - 3

- (a) What is PL/SQL ?
- (b) Explain ORDER BY and GROUP function with example.
- (c) Explain exception handling with example.

### UNIT - 4

- (a) Explain Integrated Development Environment (IDE) in V. B.
- (b) Explain control structure in visual basic.
- (c) Explain different types of operator used in V. B.

### UNIT - 5

- (a) Compare DAO, RDO and ADO controls.
- (b) What is error handing ? Explain in brief.
- (c) Explain steps to create data report in V. B.