

AJ-1348

B.C.A. (Part–III) Term End Examination, 2021-22

INTRODUCTION TO RDBMS (ORACLE)

(Paper-V)

Time : 3 hours]

[Maximum Marks : 100

Note : *Answer all questions. All questions carry equal marks.*

[Unit-I]

- 1** Who is database administrator ? Explain roles of Database Administrator. Consider an example of college database and write roles of database administrator.

OR

Explain database storage structures alongwith suitable diagrams.

[Unit-II]

- 2** Explain generalization, specialization and aggregation with suitable examples.

OR

How ER model is converted to relational schemes ? Write process with examples.

[Unit-III]

- 3** Explain inner join, outer join and self join with examples.

OR

What are integrity constraints ? Explain.

[Unit-IV]

- 4** Explain normal forms with suitable examples.

OR

What are multivalued dependencies ? Explain.

[Unit-V]

- 5** Write SQL queries for the following :

- (a) Create a table customer with column names, cust_id, cust_name, cust_city, cust_mob, specify primary key also.
- (b) Update city of 'Raj' to 'Mumbai'.
- (c) Delete records of 'Rg'.
- (d) Print all details of customer 'Shyam'.
- (e) Delete the table customer.

OR

Explain following :

- (a) Temporary tables.
- (b) SQL constructs.