

AH-1208-CV-19-S
B.Sc. (Part-III)
Term End Examination, 2019-20
COMPUTER SCIENCE
DATABASE MANAGEMENT SYSTEM
Paper-II

Time : Three Hours]

[Maximum Marks : 50

Note : Answer All Question. All Question carry equal marks.

Unit-I

1. (a) Explain different types of database user with their role & responsibility.
(b) Explain different types of data model with suitable diagram.
(c) Explain different types of entity set with suitable example.

Unit-II

2. (a) What is relational algebra? Explain cross-product & difference operation with suitable example.
(b) What is database view? Explain the advantages of creating view with suitable example.
(c) What is normalization? Explain as 4th & 5th normalization with suitable example.

Unit-III

3. (a) Explain the use of 'order by' and 'group by' clause with suitable example.
(b) What is nested queries? Explain the use of nested queries with suitable example.
(c) Write a command to insert the data in the table from another table (if not possible then explain why not).

Unit-IV

4. (a) What is IDE? Explain its advantages in detail.
(b) What is procedure? Write a sample procedure to find the list of employee from the employer table according to the department.
Consider the employee following as table.
E-name emp-dept. emp-sal. emp-desg.
(c) Explain various decision making statement with suitable example.

Unit-V

5. (a) What is ADO? Explain its uses with suitable example.
(b) Explain any two ADO control.
(i) Datalost (ii) Data amid
(C) What is data report? Explain the step of creating report with suitable example.