

B.C.A. - I (NEP) Semester-II
CC105 - Paper-III : Database Management System

P. Pages : 1

Time : Three Hours



GUG/S/25/16676

Max. Marks : 60

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram and use supporting data whenever necessary.
 3. Avoid vague answer and write specific answer related to question.

Either:

1. a) Describe various components of DBMS in detail. 6
- b) Explain the three level architecture of DBMS. 6

OR

- c) List and explain the advantages and disadvantages of DBMS. 6
- d) Define DBA? List and explain the function of DBA. 6

Either:

2. a) Explain Entity Relationship model in detail. 6
- b) What is Normalization? Explain Second Normal form in detail. 6

OR

- c) What is Attributes? Explain various types of attributes in detail. 6
- d) What is Functional Dependency? Explain in detail. 6

Either:

3. a) List and explain various data types used in MS-Access. 6
- b) Give the step by step procedure to create a database using wizard with example. 6

OR

- c) Write a detail note on. 6
 - i) Reports ii) Macros
- d) What is Hyperlink? Explain in detail. 6

Either:

4. a) What is Query? Explain how to specify criteria while writing query. 6
- b) Give the step by step procedure to create a form. 6

OR

- c) Write a detail note on. 6
 - i) Parameter Query. ii) Action Query.
- d) Give the procedure to Create report in the database. 6

5. Attempt all the questions below.
 - a) What is Database User? Explain 3
 - b) Write a short note on Relational Algebra. 3
 - c) Explain how to edit the table in MS. Access. 3
 - d) What is Macro? Explain in detail. 3
