Govt. Degree College Basohli

Internal Assignment Test of Semester IV (Session 2019-20) for Promotion to Semester V

Subject: Database Management System   **MM:30**

Note: All questions are compulsory. The answer should be in detail covering diagrams/ figures/ etc. if required. A medium size notebook (separate for each subject) shall be used for writing the assignment test and all the assignments shall be **submitted together in the college in one visit** latest by 31/08/2020. (Students shall strictly follow the COVID-19 guidelines issued by the Govt. during your visit to the college such as maintaining social distance and wearing the face mask)

Section A: Long Answer Questions (7 marks each)

Q1. Define DBA? Explain the role of DBA!

Q2. Explain the distinction between representation of association and relationship in the network and hierarchical model?

Q3. Explain the concept of transitive dependence with appropriate example? What is overlapping of candidate key?

Section B: Long Answer Questions (3 marks each)

Q4. What is physical Data Model?

Q5. Compare the three database models on the basis of operations!

Q6. What is data dictionary? Explain its importance

Practical   MM:10

Q1. What do you mean by foreign key explain with example **(5 Marks)**

Q2. What are various categories in which we can divide the SQL Statements explain with example **(5 Marks)**

Viva-Voce