**DONBOSCO INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF INFORMATION SCIENCE ENGINEERING**

**ASSIGNMENT QUESTIONS FOR EVEN SEMESTER FOR ACADEMIC YEAR 2020-21**

**Semester: V Subject: DBMS**

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**Assignment – I**

1. Discuss the main characteristics of the database approach
2. Discuss Advantages of using the DBMS approach.
3. Expalin with a diagram a simplified database system environment
4. Define following
5. Data model 2. Database schema 3. Conceptual schema 4. Data independance
6. Describe the three schema architechtur. Why do we need mapping among schema levels?
7. With a neat diagram briefly explain database systeam environment.
8. Why low lwvwl DMLs are also called record-at-a-time DMLs and high level DMLs are called set-at-a-time DMLs.
9. What is an entity type? What is an entity set? Explain the difference among entity, entity type and entity set.
10. Explain the difference between single valued attribute and a multivalued attribute.
11. What does the participating contraints specify? What are the two types of particpating constains?