| Week 9 | SQL Queries on Views | 01– Apr– 2023 |

Observation (5 Marks)

1. Define view and state the purpose of views.
2. Write the syntax for the following
   a. Creating a view
   b. Creating a view with check option
   c. Updating a view
   d. Inserting rows into a view
   e. Deleting a view
   f. Dropping a view
3. Under what conditions , view can be updated?

Execution (15 Marks) (Use the existing relation AIMS)

1. Create a Student_View by selecting all the attributes from Student_Entity.
2. Create a Course view by selecting S_Id, Stu_Name, ,C_Id, C_Name, C_Sem.
3. Create a Stu_Course view by selecting the attributes from both views.
4. Create a Stud_view with check option by selecting the student age where the age is not null.
5. Create a grade_view and update the GPA by multiplying with credits as 5.
6. Insert a new department in the department view.
7. Delete a record from the stud_view where age is >22
8. Drop a Stud_view.
9. Create a separate view for listing computer science students
10. Create a view that lists Stu_id and GPA where grade is greater than the average grade.