Babu Madhav Institute of Information Technology

5 years Integrated M.Sc. (IT)/ B.Sc. (IT)

Subject: Essentials of Relational DBMS

Practical CIE-2

Marks: 30   **Date: 13TH April 2022**

SET –A

Guidelines
- Create one folder with your enrollment number on desktop.
- Folder must contain one text file and text file name must be last three digit of your enrollment number underscore SET name. E.g. **062_SET_A** and for B.Sc.(IT) : BSCIT012_SET_B
- Text file must contain table creation + all inserted record data + question along with stored procedure+ stored function+ output

➢ Digital Gujarat encourages students by giving scholarship to needy students. Whenever any student apply for scholarship, system will automatically calculate eligibility of student and provide scholarship amount based on certain criteria mentioned below.

  ❖ If students under '**ST'** category and percentage above 80, provide scholarship of Rs.40000.
  ❖ If students under '**ST'** category and percentage above 65 and less than 80, provide scholarship of Rs.30000
  ❖ If students under '**OBC'** category and percentage above 80 ,provide scholarship of Rs.30000
  ❖ If students under '**OBC'** category and percentage less 70 and greater than 80 provide scholarship of Rs.20000
  ❖ If students under '**OPEN'** category and percentage above 80 ,provide scholarship of Rs.20000
  ❖ Apart from this above criteria NO scholarship shall be given.

➢ **Consider Scholarship table** :
(enrollnement_number,student_name,semester,cast,percentage,scholarship_amount)

➢ Table creation [**2marks**] and Insertion of record in table with the help of stored procedure only. [**3 marks**]
➢ **Note that while insertion of record, scholarship_amount column must be set as NULL**
➢ Write a procedure that will accept students' enrolment number as input parameter and add scholarship amount into the Scholarship table. [Using IF ......ElseIF statement OR CASE][**15 marks**]
➢ Create a function that will accept cast as input parameter and display sum of the scholarship based on cast. [**10 marks**]