SNGIST GROUP OF INSTITUTIONS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B. TECH DEGREE INTERNAL LAB EXAMINATON NOVEMBER 2024

SEMESTER V

CSL 333 DATABASE MANAGEMENT SYSTEM LAB

DATE: TIME: 3 HOURS

Create the following with given constraints:

EVENT (event_id, name, description, city)

PARTICIPANT (player_id, name, event_id, gender, year)

PRIZES (prize_id, prize_money, event_id, rank, year)

WINNERS (prize_id, player_id)

A) Choose appropriate primary keys for the table.
B) Choose foreign keys wherever needed.
C) Prize money is format "XXXX.XX" and maximum prize can be awarded to 2000.00 and the minimum prize awarded is 500.00
D) Player id should contain atleast one digit character.
E) Event names cannot be repeated.
F) Player name, event name, prize money and date of event cannot be blank.
G) Rank can be any of values 1,2,3

Answer the following queries after inserting atleast 10 tuples in each relation.

1) Retrieve the name of the persons who have won the highest number of first, second and third prizes.
2) Retrieve the names of all events where all the prize winners are females.
3) Write a trigger to make sure that for every new event created,3 prizes are created in prize table (1^{st} prize – 1500, 2^{nd} prize -1000, 3^{rd} prize- 500)
4) Write a PL/SQL procedure to insert names of all prize winners with the event and the rank into relation result using cursor.