Reg.No 2U112011125

Name *Nikil lodhi*

Set A

Note: Attempt both questions.

1. Using the relational algebra tool, find the most expensive price of Food name, Brand, and Item Weight.

2. Create database named "LABETEST" which contains the following tables:
   - STUDENT(S_id PRIMARY KEY, S_name, phone_number, dob, address)
   - COURSE(C_id PRIMARY KEY, C_name, C_credit, Duration)
   - Enroll (E_id PRIMARY KEY, S_id FOREIGN KEY, C_id FOREIGN KEY , DateofEnroll)

   Do the followings insertion/deletion one by one.

a) Insert the following

S_id	S_name	Phone	DOB	Address
1	Aarav Sharma	9876543210	15-03-2002	Delhi
2	Priya Patel	9823456789	25-11-2001	Ahmedabad
3	Rohan Das	9934567890	10-07-2003	Kolkata
4	Sneha Iyer	9845098765	02-05-2002	Bengaluru

C_id	C_name	C_credit	Duration
101	DBMS	4	6 months
102	CN	3	4 months

E_id	S_id	C_id	DateofEnroll
1	1	101	01-07-2024
2	2	101	03-07-2024
3	2	102	01-08-2024
4	4	101	10-07-2024

b) Find all students whose name starts with 'A'

c) Display the students who have not taken all the courses