

DBT Practical Final Exam

Instructions:- This exam consists of 3 sections. All questions are compulsory. Total time for this test is 45 minutes. The solutions to all questions are to be saved on your desktop in a file by the name of your *rollno.txt*. You are required to save only the commands/programs. **Output need not be saved.**

Section I (5 marks)

1. Create table Student with fields sid integer, sname varchar(50), birthdate of date type.
Note: make sid as primary key and birthdate as not null and default date 1994-01-01.
Create table Teacher with fields tid integer, tname varchar(20), age, sid integer
Note: apply not null constraint on tid field and make sid as foreign key in Teacher table.
2. Change the first_name last_name of the employee who is treasurer.
3. Add an extra column in the product table as product_price which is not null and having default value 999.

Section II (15 marks)

Write SELECT statements to achieve the following:-

4. Display only FIRST_NAME, LAST_NAME from EMPLOYEE table along with their DEP_ID.
5. Display all the employees who are working under the Operations Department.
6. Display details of employees whose first_name starts with 'F' and ends with 'AN'.
7. Display number of employees present in each department in descending order.
8. Display all information of customers who are individuals whose birth_date from 1962-01-01 to 1977-01-01.

Section III (Any one) (5 marks)

9. Create a cursor to fetch 10 rows of employees whose department is Operation.
10. Create a stored procedure str_proc_emp_dept to update the rows of employees whose department is Operation. Make title as 'MANAGER'. Take parameter as department name to procedure.