

# EXAMINATION QUESTION PAPER

E-DAC SEPT 2020

Module Name : DBT

DATE: 20 /01 / 2021

Duration: 2 hrs.

Max. Marks: 40

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## Instructions:

- ☐ All Questions are compulsory.
  - ☐ Write all the answers in a text file.
  - ☐ Have proper indentation for all the answers.
  - ☐ Your code should be properly commented.
  - ☐ Kindly ensure before creating a zip file, make sure all the required files should be closed to avoid any corruption of the zip file.
  - ☐ Zip File should be renamed with FULL PRN No. of the candidate. (For example 200240181001.zip)
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### Q1. IMPORT THE TEST.SQL FILE AND SOLVE THE FOLLOWING QUERIES

[40 MARKS]

1. WRITE A QUERY TO FIND THE NAME (FIRST\_NAME, LAST\_NAME) AND HIRE DATE OF THE EMPLOYEES WHO WAS HIRED AFTER 'ISMAEL'.
2. WRITE A QUERY TO FIND THE EMPLOYEE ID, JOB TITLE, NUMBER OF DAYS BETWEEN ENDING DATE AND STARTING DATE FOR ALL JOBS IN DEPARTMENT 90 FROM JOB HISTORY.
3. WRITE A QUERY TO DISPLAY JOB TITLE, EMPLOYEE NAME, AND THE DIFFERENCE BETWEEN SALARY OF THE EMPLOYEE AND MINIMUM SALARY FOR THE JOB.
4. WRITE A QUERY TO DISPLAY DEPARTMENT NAME, NAME (FIRST\_NAME, LAST\_NAME), HIRE DATE, SALARY OF THE MANAGER FOR ALL MANAGERS WHOSE EXPERIENCE IS MORE THAN 15 YEARS
5. WRITE A STORE FUNCTION TO FIND THE TYPE OF CARD TO BE ALLOCATED TO THE EMPLOYEE BASED ON THE SALARY :-
  - Salary between 1000 - 10000 (Silver Card With 50000 Limit)
  - Salary between 10000 - 20000 (Gold Card With 150000 Limit)
  - Salary greater then 20000 (Platinum Card with 300000 Limit)
6. WRITE A QUERY TO GET THE YEARS IN WHICH MORE THAN 10 EMPLOYEES JOINED.
7. WRITE A QUERY TO DISPLAY THE FIRST WORD FROM THOSE JOB TITLES WHICH CONTAINS MORE THAN ONE WORDS.
8. WRITE A QUERY TO DISPLAY THE FIRST EIGHT CHARACTERS OF THE EMPLOYEES' FIRST NAMES AND INDICATES THE AMOUNTS OF THEIR SALARIES WITH '\$' SIGN. EACH '\$' SIGN SIGNIFIES A THOUSAND DOLLARS. SORT THE DATA IN DESCENDING ORDER OF SALARY.

\*\*\*\*\* ALL THE BEST!!!! \*\*\*\*\*