Database Test

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Instructions:

No negative marking for wrong answers.   **Max Marks:25**
Write Your Answer Under The Question.   **Date: 04/11/2023**
Attempt Any 25 Question.

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1. select all employees list

Query : SELECT * FROM Employee_Data;

2. Select EEID,name and Job_title of all student

Query: SELECT [EEID] , [Full Name], [Job_title] FROM Employee_Data;

3. Select all employee list who is 30 to 50 years old

Query:SELECT * FROM Employee_Data WHERE [Age] between 30 AND 50;

4. Select EEID,name,Department of all employees who is from United state

Query:SELECT [EEID], [Full Name], [Department] FROM Employee_Data WHERE [Country] = 'United States';

5. select all employee list in ascending order of name

Query:SELECT * FROM Employee_Data ORDER BY [FULL Name] ASC;

6. select all employess list in ascending order of department name

Query:SELECT * FROM Employee_Data ORDER BY [Department] ASC;

7. select all employees list who is older than 30 year

Query:SELECT * FROM Employee_Data WHERE [Age] > 30 ;

8. select all employee list of IT and Finance department

Query:SELECT * FROM Employee_Data WHERE [Department] in ('IT' , 'Finance');

9. Select all employee list of IT, Finance and Sales department who is older than 40 year

Query:SELECT * FROM Employee_Data WHERE [Department] in ('IT' , 'Finance', 'Sales') AND [Age] > 40;

10. Select all employee list who is from IT department and lives in United state or China country

Query:SELECT * FROM Employee_Data WHERE [Department] = 'IT' AND [Country] in ('United States' , 'China');

11. Select name and EEID of all employees who is Male and lives in United State

Query: SELECT [Full Name] , [EEID] FROM Employee_Data WHERE [Gender] = 'Male' AND [Country] = 'United States';

12. Select all employee list who is between 30 to 50 age and works in IT or Finance Department.

Query: SELECT * FROM Employee_Data WHERE [Age] BETWEEN 30 AND 50 AND [Department] in ('IT' , 'Finance');

13. Select list of all employees who is older than 50 years and earn less than 100000 annualy.

Query: SELECT * FROM Employee_Data WHERE [Age] > 50 AND [Annual_Salary] < 100000;

14. Select max and min annual salary of employees

Query: SELECT * FROM Employee_Data WHERE [Annual_Salary] = (SELECT MAX([Annual_Salary]) FROM Employee_Data) OR [Annual_Salary] = (SELECT MIN([Annual_Salary]) FROM Employee_Data);

15. Select average annual salary of United state employee

Query: SELECT AVG([Annual_Salary]) as [Average_of_US_employee] FROM Employee_Data WHERE [Country] = 'United States';

16. Select min age of working employee who is from IT department

Query: SELECT * FROM Employee_Data WHERE [Age] = (SELECT MIN([Age]) FROM Employee_Data) AND [Department] = 'IT';

17. Select list of all employees who earns maximum annual salary

Query: SELECT * FROM Employee_Data WHERE [Annual_Salary] = (SELECT MAX([Annual_Salary]) FROM Employee_Data);

18. Select list of oldest employee who earns maximum annual salary (ASK)

Query: SELECT * FROM Employee_data WHERE [Age] = (SELECT MAX([Age]) FROM Employee_Data) ORDER BY [Annual_Salary] DESC;

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select * from Employee_Data where age = (select max(age) from
Employee_Data) and Annual_Salary = (select max(Annual_Salary) from
Employee_Data where age=(select max(age) from Employee_Data))
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19. Select list of all countries and total number of employees in each countries

Query: SELECT Count(*) as [No_of_employee], [Country] FROM Employee_Data GROUP BY [Country];

20. Select list of all Department and total number of employees in every department

Query: SELECT Count(*) as [No_of_employee], [Department] FROM Employee_Data GROUP BY [Department];

21. Select list of all department list with maximum and minimum annual_salary of each department

Query:SELECT [Department], MAX([Annual_Salary]) as [Max_Annual_Salary] , MIN([Annual_Salary]) as [Min_Annual_Salary] FROM Employee_Data GROUP BY [Department];

22. Select maximum annual_salary given in every job_tile

Query: SELECT [Job_title], MAX([Annual_Salary]) as [Max_Annual_Salary] FROM Employee_Data GROUP BY [Job_Title];

23. Select list of every job_tile where maximum given annual salary is greater than 100000

Query: SELECT [Job_title] FROM Employee_Data WHERE [ANNUAL_Salary]> 100000 GROUP BY [Job_Title];

24. Select list of every country and total number of cities registered in each country in order of country name

Query:SELECT Count(Distinct City) as [No_of_City], [Country] FROM Employee_Data GROUP BY [Country];

25. Select list of all employees except IT and Sales department

Query:SELECT * FROM Employee_Data WHERE [Department] <> 'IT' AND [Department] <> 'Sales';

26. Select list of every employee hired in 2019

Query:SELECT * FROM Employee_Data WHERE [Hire_Date] LIKE '%2019%';