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| Qns.no | Answers |
| 1. | Write a Query to display name of the employee?  **SELECT ENAME FROM EMP;** |
| 2. | Write a Query to display ename and salary of all employee?  **SELECT ENAME, SAL FROM EMP;** |
| 3. | Write a Query to display department name and its location for all the department?  **SELECT DNAME, LOC FROM DEPT;** |
| 4. | Write a Query to display name, salary, commission and date of joining of every employee?  **SELECT ENAME, SAL, COMM, HIREDATE FROM EMP;** |
| 5. | Write a Query to display employee name, his designation and his manager’s employee number?  **SELECT ENAME, JOB, MGR FROM EMP;** |
| 6. | Write a Query to display employee name and his department number?  **SELECT ENAME, DEPTNO FROM EMP;** |
| 7. | Write a Query to display all the details of each and every employee of the company?  **SELECT \* FROM EMP;** |
| 8. | Write a Query to display all the details of department present in company?  **SELECT \* FROM DEPT;** |
| 9. | Write a Query to display employee name, his employee number, his salary and also his annual salary for every employee?  **SELECT ENAME, EMPNO, SAL, SAL\*12 FROM EMP;** |
| 10. | Write a Query to display employee name, his employee number and salary with the hike of 30% for every employee?  **SELECT ENAME, EMPNO, SAL\*1.3 FROM EMP;** |
| 11(a) | Write a Query to display the details of employee in the following format: Employee x earns a monthly salary of rupees Y? |
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| 12. | Write a Query to display name of the employee with annual salary with a monthly bonus of 200 and provide suitable alias name?  **SELECT ENAME, SAL\*12 AS “ANNUAL SAL”,**  **SAL+200 AS BONUS FROM EMP;** |
| 14. | Write a Query to select all the salary of employee of the salary is greater than 1500?  **SELECT SAL FROM EMP**  **WHERE SAL > 1500;** |
| 15. | Write a Query to display employee name, his hire date, his salary and annual salary only if his annual salary greater than 10000?  **SELECT ENAME, HIREDATE, SAL,**  **SAL\*12 AS “ANNUAL SAL” FROM EMP**  **WHERE SAL\*12 > 10000;** |
| 16. | Write a Query to display all the details of employee if the department number is 20?  **SELECT \* FROM EMP**  **WHERE DEPTNO = 20;** |
| 17. | Write a Query to display all the details of the employee if designation is Manager?  **SELECT \* FROM EMP**  **WHERE JOB = ‘MANAGER’;** |
| 18. | Write a Query to display all the details of employee only if they were hired after the year 1995?  **SELECT \* FROM EMP**  **WHERE HIREDATE > ’31-DEC-1995’;**  **NO ROW SELECTED.** |
| 19. | Write a Query to display all the details of employee only if his commission is greater than his salary?  **SELECT \* FROM EMP**  **WHERE COMM > SAL;** |
| 20. | Write a Query to display all the details of employee only if his designation is clerk?  **SELECT \* FROM EMP**  **WHERE JOB = ‘CLERK’;** |
| 21. | Write a Query to display depart name, depart number for all the department which is located in BOSTON?  **SELECT DNAME, DEPTNO FROM DEPT**  **WHERE LOC = ‘BOSTON’;** |
| 22. | Write a Query to display all the details of employee only if he belongs to depart number 10 and salary is greater than 2000?  **SELECT \* FROM EMP**  **WHERE DEPTNO = 10 AND SAL > 2000;** |
| 23. | Write a Query to display ename, salary, annual salary with the hike of 25% only if he is a clerk and his date of hire is after 16th of June 1982?  **SELECT ENAME, SAL, (SAL\*12) \*1.25 AS “ANNUAL SAL”**  **FROM EMP**  **WHERE JOB = ‘CLERK’ AND HIREDATE > ’16-JUN-1982’;** |
| 24. | Write a Query to display all the details of employee only if annual salary is greater than 15000 and his commission is greater than his salary?  **SELECT \* FROM EMP**  **WHERE SAL\*12 > 15000 AND COMM > SAL;**  **NO ROW SELECTED.** |
| 25. | Write a Query to display all the details of department only if department number is 10 or name of department is RESEARCH?  **SELECT \* FROM DEPT**  **WHERE DEPTNO = 10 OR DNAME = ‘RESEARCH’;** |
| 26. | Write a Query to display employee name and his employee number and his hired date and salary with reduction of 20% only if his salary is greater than 2500 of his department number is 10?  **SELECT ENAME, EMPNO, HIREDATE, SAL\*0.80 FROM EMP**  **WHERE SAL > 2500 AND DEPTNO = 10;** |
| 27. | Write a Query to display all the details of employee, if they have joined the company before 1985 or his salary is greater than 2500?  **SELECT \* FROM EMP**  **WHERE SAL > 2500 OR HIREDATE < ’01-JAN-1985’;** |
| 28. | Write a Query to display all the details of employee who belongs to department number is 10 or 20 and salary greater than 2000?  **SELECT \* FROM EMP**  **WHERE DEPTNO IN (10,20) OR SAL > 2000;** |
| 29. | Write a Query to display all the details of employee if he is working as a salesman or analyst and department number either 10 or 20 and salary should be greater than 2000?  **SELECT \* FROM EMP**  **WHERE JOB IN (‘SALESMAN’, ‘ANALYST’) AND**  **DEPTNO IN (10,20) AND SAL > 2000;** |
| 30. | Write a Query to display all the details of employee who is working as SALESMAN or ANALYST?  **SELECT \* FROM EMP**  **WHERE JOB IN (‘SALESMAN’, ’ANALYST’);** |
| 31. | Write a Query to display all the details of employee if he working either salesman or clerk and salary greater than 3000 or not equal to 2500 and department number either 30, 10, 40?  **SELECT \* FROM EMP**  **WHERE JOB IN (‘SALESMAN’,’CLERK’) AND**  **DEPTNO IN (10,30,40) AND (SAL > 3000 OR SAL != 2500);** |
| 32. | Write a Query to display employee name, job, commission, depart number, existing salary, new salary with the reduction of 35% only if job not equal to check and depart number either 10, 20, 30. Hire date greater than 1983 and commission should be less than salary?  **SELECT ENAME, JOB, COMM, DEPTNO, SAL AS “EXISTING SALARY”, SAL \* 0.65 AS “NEW SALARY” WHERE DEPTNO NOT IN (10,20,30) AND HIREDATE > ‘31-DEC-1982’ AND COMM < SAL;** |
| 33. | Write a Query to display all the details of employee if the salary ranges between 500 and 250 and department number either 10, 20, 30?  **SELECT \* FROM EMP**  **WHERE DEPTNO IN (10,20,30) AND**  **(SAL BETWEEN 250 AND 500);**  **NO ROW SELECTED.** |
| 34. | Write a Query to display all the employee who belongs to department number 10 or 20 and comm between 1000 and 3000 and were hired during 1980 to 1983?  **SELECT \* FROM EMP**  **WHERE DEPTNO IN (10,20) AND**  **(COMM BETWEEN 1000 AND 3000) AND**  **(HIREDATE BETWEEN ’31-DEC-1979’ AND ’01-JAN-1984’);**  **NO ROW SELECTED** |
| 35. | Write a Query to display all the details of employee if he is not having the reporting manager?  **SELECT \* FROM EMP**  **WHERE MGR IS NULL;** |
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| 36. | Write a Query to display all the employee who don’t take comm?  **SELECT \* FROM EMP**  **WHERE COMM IS NULL;** |
| 37. | Write a Query to select a name which begins with ‘A’?  **SELECT \* FROM EMP**  **WHERE ENAME LIKE ‘A%’;** |
| 38. | Write a Query to select a name which begins with ‘A’ and ends with ‘A’?  **SELECT \* FROM EMP**  **WHERE ENAME LIKE ‘A%’ AND ENAME LIKE ‘%A’;**  **NO ROW SELECTED** |
| 39. | Write a Query to select the name which is having atleast 2 ‘A’ in it?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘%A%A%’;** |
| 40. | Write a Query to select the name which starts with ‘M’?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘M%’;** |
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| 41. | Write a Query to match name to select string which is having substring MAD?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘%MAD%’;** |
| 42. | Write a Query to select name which is having substring NA at least twice?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘%NA%NA%’;**  **NO ROW SELECTED** |
| 43. | Write a Query to display all the employee’s whose name is having ‘R’ as the second last character?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘%R\_’;** |
| 44. | List all the employee whose name starts with ‘S’?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘S%’;** |
| 45. | List all the employee whose name is having letter ‘L’ as second character?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘\_L%’;** |
| 46. | List all the employee whose name is having atleast 2 L’s in it?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘%L%L%’;** |
| 47. | List all the employee whose name having letter ‘E’ as the last but one character?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘E\_’;** |
| 48. | List all the employee whose name is having letter ‘R’ in the 3rd position?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE '\_\_R%';** |
| 49. | List all the employee who are having exactly 5 characters in their jobs?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘\_\_\_\_\_’;** |
| 50. | List the employee where salary is between 2000 and 3000?  **SELECT ENAME FROM EMP**  **WHERE SAL BETWEEN 2000 AND 3000;** |
| 51. | List the employee whose comm is NULL?  **SELECT ENAME FROM EMP**  **WHERE COMM IS NULL;** |
| 52. | List all the employee who don’t have a reporting manager?  **SELECT ENAME FROM EMP**  **WHERE MGR IS NULL;** |
| 53. | List all the salesman in department number 30?  **SELECT ENAME FROM EMP**  **WHERE JOB IN ‘SALESMAN’ AND DEPTNO IN 30;** |
| 54. | List all the salesman in department number 30 and having salary greater than 5000?  **SELECT ENAME FROM EMP**  **WHERE JOB IN ‘SALESMAN’ AND DEPTNO IN 30 AND**  **SAL > 5000;** |
| 55. | List all the employees whose name starts with ‘S’ or ‘A’?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘S%’ OR ENAME LIKE ‘A%’;** |
| 56. | List all the employees except those who are working in department number 10 and 20?  **SELECT ENAME FROM EMP**  **WHERE DEPTNO NOT IN (10,20);** |
| 57. | List all the employees whose name doesn’t start with ‘S’?  **SELECT ENAME FROM EMP**  **WHERE ENAME NOT LIKE ‘S%’;** |
| 58. | List all the employees who are having reporting manager in department 10?  **SELECT ENAME FROM EMP**  **WHERE DEPTNO IN 10 AND MGR IS NOT NULL;** |
| 59. | Write a Query to display all the details of the employee if their job is having one \_ (underscore) in it?  **SELECT \* FROM EMP**  **WHERE JOB LIKE ‘%@\_%’ ESCAPE ‘@’;** |
| 60. | Write a Query to display who are having % in their names?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘%@%%’ ESCAPE ‘@’;** |
| 61. | Write a Query to display who are having \_(underscore) as second character in their name?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘\_@\_%’ ESCAPE ‘@’;** |
| 62. | Write a Query to display who are having at least 2 ‘\_’ in their name?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘%@\_%@\_%’ ESCAPE ‘@’;** |
| 63. | Write a Query to display all the employee who are getting 2500 and excess salaries in department number 20?  **SELECT ENAME FROM EMP**  **WHERE DEPTNO IN 20 AND SAL > 2500;** |
| 64. | Write a Query to display all the manager working in depart number 20 and 30?  **SELECT ENAME FROM EMP**  **WHERE JOB IN ‘MANAGER’ AND DEPTNO IN (20,30);** |
| 65. | Write a Query to display all the employees whose job is manger, who don’t have reporting manager?  **SELECT ENAME FROM EMP**  **WHERE JOB IN ‘MANAGER’ AND MGR IS NULL;** |
| 66. | Write a Query to display all the employee who are getting some comm with their designation is neither manager nor analyst?  **SELECT ENAME FROM EMP**  **WHERE JOB NOT IN (‘MANAGER’,’ANALYST’) AND**  **(COMM IS NOT NULL AND COMM != 0);** |
| 67. | Write a Query to display all the manager whose annual salary is ending with 0?  **SELECT ENAME FROM EMP**  **WHERE JOB IN ‘MANAGER’ AND SAL\*12 LIKE ‘%0’;** |
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| 68. | Write a Query to display all the employee who are clerk and analyst with salary greater than 1000?  **SELECT ENAME FROM EMP**  **WHERE JOB IN (‘CLERK’,’ANALYST’) AND SAL > 1000;** |
| 69. | Write a Query to display all the employees having ‘E’ as the last but one character in employee name but salary having at least 4 characters?  **SELECT ENAME FROM EMP**  **WHERE ENAME LIKE ‘%E’ AND SAL LIKE ‘\_\_\_\_’;** |
| 70. | Write a Query to display all the employee who are joined after year 81?  **SELECT ENAME FROM EMP**  **WHERE HIREDATE > ’31-DEC-1981’;** |
| 71. | Write a Query to display all the employees who are joined in Feb?  **SELECT ENAME FROM EMP**  **WHERE HIREDATE LIKE ‘%FEB%’;** |
| 72. | List the employee who are not working as manager and clerk in depart no 10 and 20 with salary in the range of 1000 to 3000?  **SELECT ENAME FROM EMP**  **WHERE (JOB NOT IN (‘MANAGER’,’CLERK’) AND**  **DEPTNO IN (10,20)) AND**  **SAL BETWEEN 1000 AND 3000;** |
| 73. | List the employees whose salary not in the range of 1000 to 2000 in depart no 10, 20, 30 except all salesman?  **SELECT ENAME FROM EMP**  **WHERE SAL NOT BETWEEN 1000 AND 2000 AND DEPTNO IN (10,20,30) AND JOB NOT IN ‘SALESMAN’;** |
| 74. | List the depart names who are having letter ‘O’ in their locations as well as the depart names?  **SELECT DNAME FROM DEPT**  **WHERE LOC LIKE ‘%O%’;** |
| 75. | Write a Query to display all the employees whose job has string ‘MAN’ in it?  **SELECT ENAME FROM EMP**  **WHERE JOB LIKE ‘%MAN%’;** |
| 76. | Write a Query to display all the details of employees in descending order?  **SELECT \* FROM EMP**  **ORDER BY DESC ENAME;** |
| 77. | Write a Query to display all the EMP name in ascending order?  **SELECT \* FROM EMP**  **ORDER BY ENAME;** |
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| 78. | Write a Query to display the employees name in order by clause salary for all the employee and display the result in descending order of their annual salary?  **SELECT ENAME, SAL\*12 AS “ANNUAL SAL” FROM EMP**  **ORDER BY SAL\*12 DESC;** |
| 79. | Write a Query to display emps name and his salary and display them according to hired date?  **SELECT ENAME, SAL, HIREDATE FROM EMP;** |
| 80. | Write a Query to display all the details of employee who are neither salesman nor analyst salary should be greater than 1000 in descending order for their dept no?  **SELECT \* FROM EMP**  **WHERE JOB NOT IN (‘SALESMAN’,’ANALYST’) AND**  **SAL > 1000**  **ORDER BY DEPTNO DESC;** |
| 81. | Write a Query to display ENAME, mgr, hired date, salary, new salary with hike 25% for all the employee whose name does not start with A or B short the result in ascending order with new salary?  **SELECT ENAME, MGR, HIREDATE, SAL,**  **SAL \* 1.25 AS “HIKE” FROM EMP**  **WHERE (ENAME NOT LIKE ‘A%’) OR**  **(ENAME NOT LIKE ‘B%’)**  **ORDER BY SAL;** |
| 82. | Write a Query to display deptno and dname of all the department and display in ascending order of their location?  **SELECT DEPTNO, DNAME FROM DEPT**  **ORDER BY LOC;** |
| 83. | Write a Query to display all the details of employee only if the salary is not between 2000 and 3000 order by their department number in ascending order, employee number in ascending order?  **SELECT \* FROM EMP**  **WHERE SAL NOT BETWEEN 2000 AND 3000**  **ORDER BY DEPTNO, EMPNO;** |
| 84. | Write a Query to display maximum salary, minimum salary and average salary of the organization by excluding employees who is working as salesman?  **SELECT MAX(SAL), MIN(SAL), AVG(SAL), JOB**  **FROM EMP**  **WHERE JOB != ‘SALESMAN’**  **GROUP BY JOB;** |
| 85. | Write a Query to display number of employees by their total salary who are working in department number 20,30?  **SELECT SUM(SAL), DEPTNO FROM EMP**  **WHERE DEPTNO IN (20,30)**  **GROUP BY DEPTNO;** |
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| 86. | Write a Query to display max salary, min salary only if the name is start with A or S or M?  **SELECT MAX(SAL), MIN(SAL), ENAME FROM EMP**  **GROUP BY ENAME**  **HAVING ENAME LIKE ‘A%’ OR ENAME LIKE ‘S%’**  **OR ENAME LIKE ‘M%’;** |
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