```
1.SELECT TO_CHAR(SYSDATE, 'DD-MON-YY')
FROM DUAL;
ANS: 02-DEC-21
2. SELECT TO_DATE('MAY 22, 2014','MONTH DD,YYYY')
FROM DUAL;
ANS: 22-05-14
3. SELECT TO_CHAR(SYSDATE,'D')
FROM DUAL;
ANS:5
4. SELECT TO_CHAR(SYSDATE,'DD')
FROM DUAL;
ANS: 02
5. SELECT SYSDATE
FROM DUAL;
ANS: 02-12-21
6. SELECT current_date
FROM dual;
ANS: 02-12-21
7. SELECT sysdate+7
FROM dual;
ANS: 09-12-21
8.SELECT SYSDATE-7
FROM DUAL;
ANS: 25-11-21
9. SELECT ADD_MONTHS(sysdate,3)
FROM dual;
ANS: 02-03-22
10. SELECT MONTHS_BETWEEN(sysdate,'20-MAY-2014')
FROM dual;
```

ANS: 90.439183

```
11.SELECT EXTRACT(day FROM sysdate)
FROM dual;
ANS:2
12. SELECT LAST_DAY(sysdate)
FROM dual;
ANS: 31-12-21
13. SELECT EXTRACT(month FROM sysdate)
FROM dual;
ANS:12
14. SELECT EXTRACT(year FROM sysdate)
FROM dual;
ANS:2021
15. SELECT TO_CHAR(2560,'$9,999.0')
FROM dual;
ANS: $2,560.0
16. SELECT TO_CHAR(sysdate,'DD MONTH YY')
FROM dual;
ANS: 2 DEC 2021
17. SELECT TO_CHAR(sysdate, DDspth MONTH YY')
FROM dual;
ANS: SECOND DECEMBER 21
18. SELECT TO_CHAR(sysdate,'DD') FROM dual;
ANS:02
19. SELECT lower('Oracle') FROM dual;
ANS: oracle
20 select upper('Mouni','a')
From dual;
Ans: ANIL
21. SELECT instr('Mouni','a') FROM dual;
```

Ans:1

```
22.select substr('Mouni',2,2)
From dual;
Ans: ni
23. SELECT concat('Oracle','for') FROM dual;
Ans: Oraclefor
24. SELECT 'Oracle '||'for '||'Developers'
FROM dual;
Ans: Oracle for Developers
25.select substr('Mouni',2)
From dual;
Ans: nil
26. SELECT length('Oracle for Developers') FROM dual;
Ans:21
27. SELECT lpad('Oracle',10,'*')
FROM dual;
Ans: ****Oracle
28. SELECT rpad('Oracle',10,'*')
FROM dual;
Ans: Oracle****
28. SELECT floor((sysdate-hiredate)/365)
FROM emp;
Ans: 40,40,40,40,39
29.SELECT sal as salary
FROM emp;
Ans: 800,1600,1250,2975,1250,2850,2450,3000,5000,1500,1100,950,3000,1300
30. SELECT sum(sal) as TotalSalary
FROM employee;
Ans: 29025
31. SELECT min(sal) FROM emp;
Ans:800
```

```
32. SELECT max(sal) FROM emp;
Ans:5000
33. SELECT avg(sal) FROM emp;
Ans: 2073.214
34. SELECT sum(sal)*12 as TotalSalary FROM emp;
Ans: 348300
35. SELECT count(*) FROM emp;
Ans:14
36. SELECT count(mgr) FROM emp;
Ans:13
37. SELECT count(*), deptno
FROM emp
GROUP BY deptno
HAVING count(*)>2
ORDER BY 2;
ANS: COUNTNO
                     DEPTNO
                        10
                        20
      5
      6
                        30
38. SELECT count(*), job
  FROM emp
  GROUP BY job
  HAVING min(sal)>1500;
ANS:
***COUNT****
                         ******* JOB*****
       1
                               PRESIDENT
      3
                               MANAGER
       2
                               ANALYST
39.SELECT count(deptno) FROM emp;
ANS: 14
```

40.SELECT mgr FROM emp;

ANS: 7908,7698,7698,7839,7698,7839,7566,7698,7788,7698,7566,7782

41. SELECT nvl(mgr,0) FROM emp;

ANS: 7902,7698,7698,7839,7698,7839,7566,0,7698,7788,7698,7566,7782

42. SELECT NVL2(mgr,0,1) FROM emp;

ANS: 0,0,0,0,0,0,0,1,0,0,0,0,0

43. SELECT NULLIF(deptno,10) FROM emp;

ANS: 20,30,30,20,30,20,30,20,30,20

44. SELECT ceil(sal) FROM emp;

ANS: 800,1600,1250,2975,1250,2850,2450,3000,5000,1500,1100,950,3000,1300

45. SELECT mod(5,2) FROM dual;

ANS:1

46. SELECT sqrt(16) FROM dual;

ANS:4

47. SELECT power(5,2) FROM dual;

ANS:25

48. SELECT round(24.567,1) FROM dual;

ANS: 24.6

49. SELECT floor(24.567) FROM dual;

ANS:24