**PL/SQL:**

**Part 01:**

**1.**

SELECT 'Hello ADBMS Section B';

**2.**

DECLARE

a NUMBER := 5;

b NUMBER := 10;

c NUMBER;

BEGIN

c := a + b;

DBMS\_OUTPUT.PUT\_LINE('The sum is ' || c);

END;

**3.**

SELECT 2 \* 3 \* 4 FROM dual;

**4.**

DECLARE

greeting VARCHAR2(20) := 'Hello World';

BEGIN

DBMS\_OUTPUT.PUT\_LINE(UPPER(greeting));

END;

**5.**

DECLARE

num1 NUMBER := 10;

num2 NUMBER := 5;

result NUMBER;

BEGIN

IF num1 > num2 THEN

result := num1 - num2;

DBMS\_OUTPUT.PUT\_LINE('The result is ' || result);

ELSE

DBMS\_OUTPUT.PUT\_LINE('Cannot subtract smaller number from larger number.');

END IF;

END;

**6.**

SELECT AVG(num) AS average

FROM (

SELECT 12 AS num FROM dual

UNION ALL SELECT 14 FROM dual

UNION ALL SELECT 16 FROM dual

UNION ALL SELECT 18 FROM dual

);

**7.**

SELECT 3.14159265359 AS pi FROM dual;

**Part 02:**

**1.**

SELECT dname

FROM department

WHERE deptno = 10;

**2.**

SELECT LOWER(dname)

FROM department

WHERE deptno = 20;

**3.**

SELECT sal+250

FROM employee

WHERE ename = 'Smith';

**4.**

SELECT hiredate

FROM employee

WHERE ename = 'KING';

**5.**

SELECT SUM(sal)

FROM employee;

**6.**

SELECT sal, comm

FROM employee

WHERE ename = 'Allen';

**7.**

SELECT ename

FROM employee

WHERE ename LIKE '%TT%';