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Sec: B

Part-1

1.

DECLARE

 a varchar(30) := 'Hello ADBMS Section B';

BEGIN

 dbms_output.put_line(a);

END;

2.

BEGIN

 DECLARE

 a number := 20;

 b number := 3;

 BEGIN

 dbms_output.put_line(a+b);

 END;

END;

3.

DECLARE

 a number := 10;

 b number := 22.5;

 c number := 2;

 mul number;

BEGIN

 mul := a * b * c;

```
    dbms_output.put_line(mul);  
END;
```

4.

```
DECLARE  
    a varchar(20) := 'Hello World';  
BEGIN  
    dbms_output.put_line(a);  
END;
```

5.

```
DECLARE  
    a number := 10;  
    b number := 22.5;  
    sub number;  
BEGIN  
    sub := a - b;  
    dbms_output.put_line(sub);  
END;
```

6.

```
DECLARE  
    average number;  
BEGIN  
    average := (12 + 14 + 16 + 18)/4;  
    dbms_output.put_line(average);  
END;
```

7.

```
DECLARE  
    PI CONSTANT number := 3.1416;
```

```
BEGIN
    dbms_output.put_line(P1);
END;
```

Part-2

1.

```
DECLARE
    d_name varchar(20);
BEGIN
    select DNAME into d_name from dept where deptno = 10;
    dbms_output.put_line(d_name);
END;
```

2.

```
DECLARE
    d_name varchar(20);
BEGIN
    select DNAME into d_name from dept where deptno = 20;
    dbms_output.put_line(Lower(d_name));
END;
```

3.

```
DECLARE
    salary number;
BEGIN
    UPDATE EMP SET sal = (select sal+250 from emp where ename = 'SMITH')
    WHERE ename = 'SMITH';
    select sal into salary from emp where ename = 'SMITH';
    dbms_output.put_line(salary);
```

END;

4.

DECLARE

hdate date;

BEGIN

select HIREDATE into hdate from emp where ename = 'KING';

dbms_output.put_line(hdate);

END;

5.

DECLARE

salSum number;

BEGIN

select sum(sal) into salSum from emp;

dbms_output.put_line(salSum);

END;

6.

DECLARE

salary number;

BEGIN

select sal into salary from emp where ename = upper('Allen');

dbms_output.put_line(salary);

END;

7.

select ename from emp where ename LIKE '%TT%'