

Q. Cursors:(ALL types:Implicit, Explicit, Cursor For loop, Parameterized Cursor)

Write a PL/SQL block of code using parameterized Cursor,that will merge the data available in the newly created table N_empID with the data available in the O_empID. If the data in the first table already exists in the second table then the data should be skipped.

CURSOR:

```
declare
    nid number;
    rr number;
    cursor c is select id from old;

begin
    open c;
    LOOP
        fetch c into nid;
        exit when c%notfound;
        select count(id) into rr from new where id = nid;
        if rr = 0 then
            insert into new values(nid);
        end if;
    end LOOP;
    close c;
end;
/
```

PARAMETERISED CURSOR:

```
declare
    nid number;
    rr number;
    cursor c(n number) is select id from old where id = n;

begin
    nid := &nid;
    open c(nid);
    LOOP
        fetch c into nid;
        exit when c%notfound;
        select count(id) into rr from new2 where id = nid;
        if rr = 0 then
            insert into new2 values(nid);
        end if;
    end LOOP;
    close c;
end;
/
```

FOR LOOP CURSOR:

```
declare
    nid old%rowtype;
    rr number;
    cursor c is select id from old;

begin
    for nid in c
    LOOP
        exit when c%notfound;
        select count(id) into rr from new3 where id = nid.id;
        if rr = 0 then
            insert into new3 values(nid.id);
        end if;
    end LOOP;
end;
/
```