# DBMS Practical Set-II: All Questions

## Q1: Sample Question Title

```sql
-- MySQL Table Creation for Q1
CREATE TABLE Sample1 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample1 VALUES (1, 'John');
INSERT INTO Sample1 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample1;

-- PL/SQL Block for Q1
DECLARE
    v_id Sample1.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample1 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q1 (Commented)
-- use SampleDB
-- db.Sample1.insertMany([
--   {id:1, name:'John'},
--   {id:2, name:'Jane'}
-- ]);
```

## Q2: Sample Question Title

```sql
-- MySQL Table Creation for Q2
CREATE TABLE Sample2 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample2 VALUES (1, 'John');
INSERT INTO Sample2 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample2;

-- PL/SQL Block for Q2
DECLARE
    v_id Sample2.id%TYPE;
BEGIN
```

```
    SELECT id INTO v_id FROM Sample2 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/


-- MongoDB Commands for Q2 (Commented)
-- use SampleDB
-- db.Sample2.insertMany([
--   {id:1, name:'John'},
--   {id:2, name:'Jane'}
-- ]);
```

## Q3: Sample Question Title

```
-- MySQL Table Creation for Q3
CREATE TABLE Sample3 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);


-- Sample Data
INSERT INTO Sample3 VALUES (1, 'John');
INSERT INTO Sample3 VALUES (2, 'Jane');


-- Query Example
SELECT * FROM Sample3;


-- PL/SQL Block for Q3
DECLARE
    v_id Sample3.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample3 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/


-- MongoDB Commands for Q3 (Commented)
-- use SampleDB
-- db.Sample3.insertMany([
--   {id:1, name:'John'},
--   {id:2, name:'Jane'}
-- ]);
```

## Q4: Sample Question Title

```
-- MySQL Table Creation for Q4
CREATE TABLE Sample4 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);


-- Sample Data
```

```sql
INSERT INTO Sample4 VALUES (1, 'John');
INSERT INTO Sample4 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample4;

-- PL/SQL Block for Q4
DECLARE
    v_id Sample4.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample4 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q4 (Commented)
-- use SampleDB
-- db.Sample4.insertMany([
--   {id:1, name:'John'},
--   {id:2, name:'Jane'}
-- ]);
```

## Q5: Sample Question Title

```sql
-- MySQL Table Creation for Q5
CREATE TABLE Sample5 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample5 VALUES (1, 'John');
INSERT INTO Sample5 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample5;

-- PL/SQL Block for Q5
DECLARE
    v_id Sample5.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample5 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q5 (Commented)
-- use SampleDB
-- db.Sample5.insertMany([
--   {id:1, name:'John'},
--   {id:2, name:'Jane'}
-- ]);
```

## Q6: Sample Question Title

```sql
-- MySQL Table Creation for Q6
CREATE TABLE Sample6 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample6 VALUES (1, 'John');
INSERT INTO Sample6 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample6;

-- PL/SQL Block for Q6
DECLARE
    v_id Sample6.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample6 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q6 (Commented)
-- use SampleDB
-- db.Sample6.insertMany([
--   {id:1, name:'John'},
--   {id:2, name:'Jane'}
-- ]);
```

## Q7: Sample Question Title

```sql
-- MySQL Table Creation for Q7
CREATE TABLE Sample7 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample7 VALUES (1, 'John');
INSERT INTO Sample7 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample7;

-- PL/SQL Block for Q7
DECLARE
    v_id Sample7.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample7 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
```

```
/

-- MongoDB Commands for Q7 (Commented)
-- use SampleDB
-- db.Sample7.insertMany([
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```

## Q8: Sample Question Title

```
-- MySQL Table Creation for Q8
CREATE TABLE Sample8 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample8 VALUES (1, 'John');
INSERT INTO Sample8 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample8;

-- PL/SQL Block for Q8
DECLARE
    v_id Sample8.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample8 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q8 (Commented)
-- use SampleDB
-- db.Sample8.insertMany([
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```

## Q9: Sample Question Title

```
-- MySQL Table Creation for Q9
CREATE TABLE Sample9 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample9 VALUES (1, 'John');
INSERT INTO Sample9 VALUES (2, 'Jane');
```

```sql
-- Query Example
SELECT * FROM Sample9;


-- PL/SQL Block for Q9
DECLARE
    v_id Sample9.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample9 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/


-- MongoDB Commands for Q9 (Commented)
-- use SampleDB
-- db.Sample9.insertMany([
--   {id:1, name:'John'},
--   {id:2, name:'Jane'}
-- ]);
```

## Q10: Sample Question Title

```sql
-- MySQL Table Creation for Q10
CREATE TABLE Sample10 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);


-- Sample Data
INSERT INTO Sample10 VALUES (1, 'John');
INSERT INTO Sample10 VALUES (2, 'Jane');


-- Query Example
SELECT * FROM Sample10;


-- PL/SQL Block for Q10
DECLARE
    v_id Sample10.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample10 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/


-- MongoDB Commands for Q10 (Commented)
-- use SampleDB
-- db.Sample10.insertMany([
--   {id:1, name:'John'},
--   {id:2, name:'Jane'}
-- ]);
```

## Q11: Sample Question Title

```
-- MySQL Table Creation for Q11
CREATE TABLE Sample11 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample11 VALUES (1, 'John');
INSERT INTO Sample11 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample11;

-- PL/SQL Block for Q11
DECLARE
    v_id Sample11.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample11 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q11 (Commented)
-- use SampleDB
-- db.Sample11.insertMany([
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```

## Q12: Sample Question Title

```
-- MySQL Table Creation for Q12
CREATE TABLE Sample12 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample12 VALUES (1, 'John');
INSERT INTO Sample12 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample12;

-- PL/SQL Block for Q12
DECLARE
    v_id Sample12.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample12 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/
```

```
-- MongoDB Commands for Q12 (Commented)
-- use SampleDB
-- db.Sample12.insertMany([
--   {id:1, name:'John'},
--   {id:2, name:'Jane'}
-- ]);
```

## Q13: Sample Question Title

```
-- MySQL Table Creation for Q13
CREATE TABLE Sample13 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample13 VALUES (1, 'John');
INSERT INTO Sample13 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample13;

-- PL/SQL Block for Q13
DECLARE
    v_id Sample13.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample13 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q13 (Commented)
-- use SampleDB
-- db.Sample13.insertMany([
--   {id:1, name:'John'},
--   {id:2, name:'Jane'}
-- ]);
```

## Q14: Sample Question Title

```
-- MySQL Table Creation for Q14
CREATE TABLE Sample14 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample14 VALUES (1, 'John');
INSERT INTO Sample14 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample14;
```

```
-- PL/SQL Block for Q14
DECLARE
    v_id Sample14.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample14 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/


-- MongoDB Commands for Q14 (Commented)
-- use SampleDB
-- db.Sample14.insertMany([
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```

## Q15: Sample Question Title

```
-- MySQL Table Creation for Q15
CREATE TABLE Sample15 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);


-- Sample Data
INSERT INTO Sample15 VALUES (1, 'John');
INSERT INTO Sample15 VALUES (2, 'Jane');


-- Query Example
SELECT * FROM Sample15;


-- PL/SQL Block for Q15
DECLARE
    v_id Sample15.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample15 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/


-- MongoDB Commands for Q15 (Commented)
-- use SampleDB
-- db.Sample15.insertMany([
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```

## Q16: Sample Question Title

```
-- MySQL Table Creation for Q16
CREATE TABLE Sample16 (
    id INT PRIMARY KEY,
```

```
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample16 VALUES (1, 'John');
INSERT INTO Sample16 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample16;

-- PL/SQL Block for Q16
DECLARE
    v_id Sample16.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample16 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q16 (Commented)
-- use SampleDB
-- db.Sample16.insertMany([
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```

## Q17: Sample Question Title

```
-- MySQL Table Creation for Q17
CREATE TABLE Sample17 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample17 VALUES (1, 'John');
INSERT INTO Sample17 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample17;

-- PL/SQL Block for Q17
DECLARE
    v_id Sample17.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample17 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q17 (Commented)
-- use SampleDB
-- db.Sample17.insertMany([
```

```
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```

## Q18: Sample Question Title

```sql
-- MySQL Table Creation for Q18
CREATE TABLE Sample18 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample18 VALUES (1, 'John');
INSERT INTO Sample18 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample18;

-- PL/SQL Block for Q18
DECLARE
    v_id Sample18.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample18 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q18 (Commented)
-- use SampleDB
-- db.Sample18.insertMany([
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```

## Q19: Sample Question Title

```sql
-- MySQL Table Creation for Q19
CREATE TABLE Sample19 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample19 VALUES (1, 'John');
INSERT INTO Sample19 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample19;

-- PL/SQL Block for Q19
DECLARE
```

```
    v_id Sample19.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample19 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q19 (Commented)
-- use SampleDB
-- db.Sample19.insertMany([
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```

## Q20: Sample Question Title

```
-- MySQL Table Creation for Q20
CREATE TABLE Sample20 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);

-- Sample Data
INSERT INTO Sample20 VALUES (1, 'John');
INSERT INTO Sample20 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample20;

-- PL/SQL Block for Q20
DECLARE
    v_id Sample20.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample20 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q20 (Commented)
-- use SampleDB
-- db.Sample20.insertMany([
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```

## Q21: Sample Question Title

```
-- MySQL Table Creation for Q21
CREATE TABLE Sample21 (
    id INT PRIMARY KEY,
    name VARCHAR(50)
);
```

```sql
-- Sample Data
INSERT INTO Sample21 VALUES (1, 'John');
INSERT INTO Sample21 VALUES (2, 'Jane');

-- Query Example
SELECT * FROM Sample21;

-- PL/SQL Block for Q21
DECLARE
    v_id Sample21.id%TYPE;
BEGIN
    SELECT id INTO v_id FROM Sample21 WHERE name='John';
    DBMS_OUTPUT.PUT_LINE('ID: ' || v_id);
END;
/

-- MongoDB Commands for Q21 (Commented)
-- use SampleDB
-- db.Sample21.insertMany([
--    {id:1, name:'John'},
--    {id:2, name:'Jane'}
-- ]);
```