

## **20% Exam of Network**

**Name: Faiz Mohammad**

**F/Name: Rahmdel**

Connections

- Oracle Connections
  - ahmadConnection
  - faizConnection
    - Tables (Filtered)
    - Views
    - Indexes
    - Packages
    - Procedures
    - Functions
    - Operators
    - Queues
    - Queues Tables
    - Triggers
    - Types
    - Sequences

Reports

- All Reports
- Analytic View Reports
- Data Dictionary Reports
- Data Modeler Reports
- OLAP Reports
- TimesTen Reports
- User Defined Reports

MyTestConnection1.sql x MyTestConnection4.sql x faizConnection1.sql x Welcome Page x faizConnection x

Worksheet Query Builder

```

CREATE TABLE student(id NUMBER PRIMARY KEY,
                      name VARCHAR(32) NOT NULL,
                      fName VARCHAR(32) NOT NULL);

INSERT INTO student(id,name,fName) VALUES(1,'Javid','Ahmad'); -- i insert 4 row

SELECT * FROM student;

CREATE OR REPLACE PROCEDURE GetStdName
IS
  student SYS_REFCURSOR;
BEGIN

```

Query Result x

SQL | All Rows Fetched: 4 in 0.003 seconds

ID	NAME	FNAME
1	1 Javid	Ahmad
2	2 Fwad	Rashid
3	3 Nabi jan	Amir Khil
4	4 Hamayoon	Niazay

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Worksheet Query Builder

```

CREATE OR REPLACE PROCEDURE GetStdName
IS
  student SYS_REFCURSOR;
BEGIN
  OPEN student FOR
  SELECT *
  FROM student;
  DBMS_SQL.RETURN_RESULT(student);
END GetStdName;
/
EXEC GetStdName;

```

Script Output x

Task completed in 0.082 seconds

Procedure GETSIDNAME compiled

PL/SQL procedure successfully completed.

ResultSet #1

ID	NAME	FNAME
1	Javid	Ahmad
2	Fwad	Rashid
3	Nabi jan	Amir Khil
4	Hamayoon	Niazay

Click on an identifier with the Control key down to perform "Go to Declaration"

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MyTestConnection2.sql x Welcome Page x faizConnection x

Worksheet Query Builder

```
CREATE TABLE std(name VARCHAR(22) NOT NULL, dob DATE NULL);
CREATE TABLE stdLog(name VARCHAR(22) NOT NULL, dob DATE NULL);

INSERT INTO std(name) VALUES('jawad');
INSERT INTO std(name) VALUES('Navid');
INSERT INTO std(name) VALUES('Ahmad');

CREATE SEQUENCE stdLog_seq;
CREATE OR REPLACE TRIGGER stdtLog_trg
BEFORE INSERT ON std
FOR EACH ROW
BEGIN
    INSERT INTO stdLog(name,dob) VALUES (:NEW.name,sysdate);
END;
```

Script Output x

Task completed in 0.056 seconds

Trigger STDLOG\_TRG compiled

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MyTestConnection2.sql x Welcome Page x faizConnection x

Worksheet Query Builder

```
CREATE TABLE stdLog(name VARCHAR(22) NOT NULL, dob DATE NULL);

INSERT INTO std(name) VALUES('jawad');
INSERT INTO std(name) VALUES('Navid');
INSERT INTO std(name) VALUES('Ahmad');
INSERT INTO std(name) VALUES('Rafa');

CREATE SEQUENCE stdLog_seq;
CREATE OR REPLACE TRIGGER stdtLog_trg
BEFORE INSERT ON std
FOR EACH ROW
BEGIN
    INSERT INTO stdLog(name,dob) VALUES (:NEW.name,sysdate);
END;
/

SELECT * FROM stdLog;
```

connections

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reports

All Reports

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MyTestConnection2.sql x Welcome Page x faizConnection x

Worksheet Query Builder

```
CREATE TABLE stdLog(name VARCHAR(22) NOT NULL, dob DATE NULL);

INSERT INTO std(name) VALUES('jawad');
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INSERT INTO std(name) VALUES('Ahmad');
INSERT INTO std(name) VALUES('Rafa');

CREATE SEQUENCE stdLog_seq;
CREATE OR REPLACE TRIGGER stdtLog_trg
BEFORE INSERT ON std
FOR EACH ROW
BEGIN
```

Script Output x Query Result x

SQL | All Rows Fetched: 4 in 0.004 seconds

	NAME	DOB
1	jawad	07-FEB-23
2	Navid	07-FEB-23
3	Ahmad	07-FEB-23
4	Rafa	07-FEB-23