**Programming Foundation M1 (16 QUESTION)**

1. Good programming practices- 1 question

2. Software reuse and testing- 1 question

3. Exception handling - 1 question

4. WB HTML 5 - 1 question

5. WB-CSS 3 - 1 question

6. WB-java script- 2 lessons working with document object (1), forms (1)

7. WB-XML- 2 lessons- anatomy of xml doc (1), xml schema- (1) {code given select options}

{ Rules of creating xml doc}

**DBMS SQL**

5 lessons prepare not 12

1. Single row or group functions (SQL queries)

2. Joins basic question- concept related theory (1)

3. DML-(1) code related question

4. Data base object (1) question complex theory question

5. Sub query - (1) question complex theory question

**OOPS and UML**

(1) Question on OOPS

(1) Question on UML

**M2 (18 question)**

**Testing Concepts**

4 lessons out of 6

1. Fundamentals of testing (1) simple level theory question

2. Types of test case techniques and design (2) question one is simple one complex

3. Testing throughout software life cycle (2) question one is simple one complex

4. Tools support for testing (2) question one is simple one complex

**RVFD**

4 lessons out of 5

1. Introduction to requirement engineering (1)-simple

2. Evolution and type of requirements (1)-simple

3. Requirement itemization (2)-one simple one complex

4. Requirement management (1)-simple question

**Introduction to Use Cases**

(2) One simple one complex

**DFDR**

(4 questions) - One simple 3 Complex (scenario is given in complex for m2)

**M3 (18 questions)**

5 lessons out of 14

1. Core-(6 – 5 theory 1- Coding ) 4 basics 2 complex

2. Utility and collection-(5 question 1 simple 4 complex) (3 code based 2 theory based)

3. IO (1 question theory complex question)

4. Exceptions (3 questions simple - 2 theory 1 code)

5. J-unit (3 question all code based)

**M4 (18 questions)**

7 lessons out of 8

1. Introduction to automation (1 question complex theory)

2. Introduction to selenium (2 simple question theory)

3. Working with selenium id (6 question 4 simple 2 complex--3 code based 3 concept based)

4. Testing web app using web driver API (3 question 1 simple 2 complex)(2 code based 1 concept)

5. Web driver test using x unit (3 question 1 simple 2 complex) (2 code 1 theory)

6. Selenium web driver advanced (2 question both simple) (1 code 1 concept)

7. Selenium frameworks (1 theory question simple)

**M5 (5 questions)**

2 lessons out of 2

**1. Introduction to STLC**

Life cycle modals (1 theory), configuration management process (very imp) (1 question complex), Introduction to STLC (1 complex)

**2. QMS**

(2 basic level long forms)

Scroll down to the next page……OOPS AND UML

1). Relationship b/w father and son class??

ans:Generalization(Inheritence)

2). Are not true wrt instance variable?(MR)

ans: 1)They compromise of all static variable in he class

3)They can not be initialized in the constructor

3). True about exception handling?

ans: 1)provide meaningfull error msgs.

2)Separate error handling code and regular code.

4). Is true in case of exhaustive testing??

ans: Is impractical and not economical wayable.

///5). Correct exapmle of good programming practices?

ans:

Marked As Most Important \*\*\* Que on expiloritary testing ?(8 question most important)\*\*\*

\*\*\*\*TESTING CONCEPTS\*\*\*\*

///1.True in explioratry testing

///2. match the following maximize bug count

///3. artifacts produced during test plan

///4. static tool match the following

///5. which tool

///6.the mean by which data is passed?

///7.testing continues till the (match the following)

\*\*\*\*RVFD(5) DFDR(4) use case(2)\*\*\*\*

///Fill in the blanks

1) according to the CHAOS report \_\_\_\_\_ is the main reason that contributes to 30% of req error in the initial phase of SDLC

Ans: Undocumented Assumptions

2) Term for describing particular scenario??

Banking system allow receiving funds txn alerts viewing balance etc....

Ans:Features of the system

3) Fill in the balanks

\_\_\_\_ type of requirements includes checking that the system should be able to search at the most 100 concurrent users.

Ans: Non functional req

4) Identify type of req.

the sysytem should be functional on both old and new servers and space should be maintained \_\_\_\_

Ans: Physical Constraints.

5) Method to control Req Creep

Ans: 1,3

use prototyping

use jad joint application development sessions

6) Severity and priority

Jitu is Hr Executive and he usese recruiment website to hire final year student after their exam in april

Website down time issues in the first month of the year

Ans: High Severity Low Priority

7) identify defect status when defect is logged and yet to be assigned to the user

ans: new

8) scenario\*\* testing done to avoid this

Hacker hacked into uS govt computers within defense dept and defers govt website?

Ans: Security testing

9) Identify Defect management tool from the below description???

Sporting a number of advanced tool ....this defect tracking tool is defenitely..

Ans:BugZilla

10) Fill in he blanks

\_\_\_\_\_ describe logical interaction b/w actor and the system

Ans: Use Case

11)In the ATM machine vineta checks for balance then withdraw money.

Ans: Alternate Flows

\*\*\*\*\*Discuss 5 more ,take next 20 minutes around 6:20 we can talk\*\*\*\*\*\*

Intro To Use Cases

1) an example of actor (MR)

Ans: Web client and customer

2) Identify the usecase from online shop scenario

user enter the link .... register and buy...get valid user name and pwd... entert ID PWD...system validated ID PWD...if valid buy items make payment!!

Ans: log in ...user reg ...buy item...make payment

\*\*\* 2 More Question we are discussing

3) in a movie ticket app,,succesfully book 2 tickets after filling details ...which type of validation above scenario comes??

Ans:Use Case level Testing

4)Identify actor in below scenario??

library management system used by librarian ...student... library clerk

Ans: librarian ...student... library clerk

\*\*\*Pseudo Code some more Questions\*\*\*\*

1) write way of writing pseudocode with naming convention??

Ans:\*\*Check Keywords are capital\*\* small variable

2) black box testing technique select any two?

Ans: Ep

Error guessing

3) which of the following shows the purpose of defensive programming?(MR)

Ans:1)Ensure program never returns inaccurate result.

2)Abnormal termination is avoided

\*\*\*\*\*TIME 6:20\*\*\*\*\*

4) Which of the following is true UML diagram??

Ans: Deployment diagram

5)In online shopping application objects from difernt classes communicate with each other.This communication is known as?

Ans: Messaging

\*\*\*\*\*TIME 6:24\*\*\*\*\*

.....Oracle Web Basics Not discussed....Give more focus.....