Unit 12 - Week 10

Course outline

How to access the portal

Pre-requisite Assignment

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

- Testing of web Applications and Web Services
- Testing of web Applications and Web Services
- Testing of web Applications and Web Services
- Testing of Object-Oriented Applications
- Testing of Object-Oriented Applications
- Software testing : Feedback for week 10
- **Quiz : Assignment 10**

Week 11

Week 12

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Assignment 10

The due date for submitting this assignment has passed.   **Due on 2019-10-09, 23:59 IST.**
As per our records you have not submitted this assignment.

1) Controllability and observability for web software is considered to be low for which of the following reasons?   *1 point*

- ○ Web software is available for everyone who has internet
- ○ Web software is split into server software and client software
- ○ Web software is written using several different languages
- ○ Inputs to web software are through HTML UI and server side information is hard to get access to

No, the answer is incorrect.
Score: 0

Accepted Answers:
Inputs to web software are through HTML UI and server side information is hard to get access to

2) State true or false: A static web page is usually created and stored as a HTML file and provides the same content   *1 point*
to all viewers

- ○ True
- ○ False

No, the answer is incorrect.
Score: 0

Accepted Answers:
True

3) In a graph model of a static web site, what do nodes and edges repre- sent?   *1 point*

- ○ Nodes represent web pages, edges are HTML links
- ○ Nodes represent tabs, edges are links between tabs
- ○ Nodes represent static content, edges represent HTML links
- ○ Nodes represent text and images, edges represent hyperlinks

No, the answer is incorrect.
Score: 0

Accepted Answers:
Nodes represent web pages, edges are HTML links

4) Which of the following refers to the web applications testing technique where inputs are created to violate some of   *1 point*
the rules on their format?

- ○ Security testing
- ○ Bypass testing
- ○ Testing based on violation of user session data
- ○ Random testing

No, the answer is incorrect.
Score: 0

Accepted Answers:
Bypass testing

5) For server side testing of web applications, software of which layer is typically useful?   *1 point*

- ○ User interface layer
- ○ Data content layer
- ○ Presentation layer
- ○ Data storage layer

No, the answer is incorrect.
Score: 0

Accepted Answers:
Presentation layer

6) In dynamic web applications, which of the following are populated based on user inputs?   *1 point*

- ○ Atomic section
- ○ Content variables
- ○ JavaScript
- ○ HTML files

No, the answer is incorrect.
Score: 0

Accepted Answers:
Content variables

7) In a yo-yo graph used for testing object-oriented applications, what do nodes and edges represent?   *1 point*

- ○ Nodes represent classes and edges represent class inheritance
- ○ Nodes represent classes and edges represent levels of classes
- ○ Nodes represent overridden methods and edges represent caller- callee relationships
- ○ Nodes represent methods and edges represent method calls

No, the answer is incorrect.
Score: 0

Accepted Answers:
Nodes represent methods and edges represent method calls

8) What do the edges with dashed lines represent in a yo-yo graph?   *1 point*

- ○ Calls made from methods of classes in different levels
- ○ Calls that cannot be made due to overriding
- ○ Calls from a parent to inherited method.
- ○ Actual calls made by an object that has actual type at that level

No, the answer is incorrect.
Score: 0

Accepted Answers:
Calls that cannot be made due to overriding

9) When state interactions of a descendant method are not consistent with those of its ancestor method, which of the   *1 point*
following faults is said to occur?

- ○ State definition inconsistency anomaly
- ○ State definition anomaly
- ○ State visibility anomaly
- ○ State defined incorrectly anomaly

No, the answer is incorrect.
Score: 0

Accepted Answers:
State definition anomaly

10) Which of the following coverage criteria for object-oriented integration testing ensures that every last definition of a   *1 point*
coupling variable reaches its first use
          but does not consider inheritance and polymorphism?

- ○ All-coupling-sequences
- ○ All-poly-classes
- ○ All-coupling defs-uses
- ○ All-polu-coupling defs-uses

No, the answer is incorrect.
Score: 0

Accepted Answers:
All-coupling defs-uses