

Answer Submitted.

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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Software Testing (course)Course
outlineHow does an
NPTEL
online
course
work? ()Pre-requisite
Assignment
()

Week 1 ()

Week 2 ()

Week 3 ()

Week 4 ()

Week 5 ()

Week 6 ()

Week 7 ()

Week 8 ()

Week 9 ()

Week 10 ()

Week 10 : Assignment 10 (Non Graded)

Your last recorded submission was on 2022-10-05, 18:17 IST

Note : This assignment is only for practice purpose and it will not be counted towards the Final score

1) If a descendent class does not override any inherited method and there is no polymorphic behaviour, then which fault/anomaly does it represent? **1 point**

- ☐ State definition anomaly.
- ☒ Polymorphic behaviour anomaly.
- ☐ Inconsistent type use fault.
- ☐ State visibility anomaly.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Inconsistent type use fault.

2) Do the coverage criteria "All-Coupling-Sequences" and "All-Coupling- Defs-Uses" consider polymorphism? **1 point**

- ☐ These two criteria consider only inheritance and not polymorphism.
- ☒ These two criteria also consider polymorphism.

Yes, the answer is correct.
Score: 1

Accepted Answers:
These two criteria also consider polymorphism.

3) Which of the following lists different kinds of client side testing for web applications? **1 point**

● Testing of web Applications and Web Services (unit? unit=79&lesson=80)

● Testing of web Applications and Web Services (unit? unit=79&lesson=81)

● Testing of web Applications and Web Services (unit? unit=79&lesson=82)

● Testing of Object-Oriented Applications (unit? unit=79&lesson=83)

● Testing of Object-Oriented Applications (unit? unit=79&lesson=84)

● **Practice: Week 10 : Assignment 10 (Non Graded) (assessment? name=120)**

● Quiz: Week 10 : Assignment 10 (assessment? name=145)

○ Week 10 Feedback Form: Software Testing (unit? unit=79&lesson=133)

Week 11 ()

Week 12 ()

- Testing based on user history that is logged at the server.
- Testing based on screens that a user passes through while navigating.
- Testing based on clients bypassing different kinds of server validation.
- Testing based on user session data and on bypassing client side validation.

No, the answer is incorrect.

Score: 0

Accepted Answers:

Testing based on user session data and on bypassing client side validation.

4) Why are control flow graphs not suitable for web applications testing?

1 point

- It is not clear whether to consider models for client or server.
- They are static models and do not represent dynamic flow of control.
- There are no control flow graph models in code for web applications.
- Just control flow is not enough, we need to consider data flow also.

Yes, the answer is correct.

Score: 1

Accepted Answers:

They are static models and do not represent dynamic flow of control.

5) When a user of a web application presses "Refresh" button due to delay in loading a page, what kind of transition does it cause in the underlying component interaction model? **1 point**

- It causes a simple link transition.
- It causes a redirect transition.
- It causes an operational transition.
- It causes a reload transition.

No, the answer is incorrect.

Score: 0

Accepted Answers:

It causes an operational transition.

Check Answers and Submit

Your score is: 2/5

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