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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Software Testing (course)


Course outline

How does an NPTEL online course work?

Pre-requisite Assignment

Week 1

- ☒ Lecture 1 - Motivation (unit? unit=17&lesson=18)
- ☒ Lecture 2 - Terminologies (unit? unit=17&lesson=19)
- ☐ Lecture 3 - Testing based on Models and Criteria (unit? unit=17&lesson=20)
- ☐ Lecture 4 - Automation - JUnit as an example (unit? unit=17&lesson=21)
- ☐ Week 1 Feedback Form: Software

Week 1: Assignment 1

The due date for submitting this assignment has passed.

Due on 2021-08-18, 23:59 IST.

Assignment submitted on 2021-07-16, 08:49 IST

This assignment is configured as "Match the terms" assignment. Each term on the left side column matches with exactly one term on the right side column.

Match the following

(1)	Regression testing	(a)	Done to evaluate the user interface, aesthetics etc.
(2)	Test automation with JUnit	(b)	Represents a software artifact or its abstraction.
(3)	Black-box testing	(c)	It consists of inputs & expected outputs.
(4)	Usability testing	(d)	A rule or a collection of rules that impose test requirements on test cases.
(5)	Test case	(e)	To find errors in software.
(6)	Reachability	(f)	Every test case that satisfies C1 also satisfies C2.
(7)	Test case models	(g)	The location(s) in the program that contain the fault must be reached.
(8)	Test requirement	(h)	Testing modified software for new errors.
(9)	Criterion C1 subsumes C2	(i)	Usability, performance and stress testing.
(10)	Use of testing	(j)	Command: <code>assertTrue(boolean)</code>

1) 1 _____

1 point

- ☐ with (a)
- ☐ with (c)
- ☒ with (h)

Testing (unit?
unit=17&lesson=22)

● Quiz: Week 1:
Practice
Assignment 1
(assessment?
name=110)

● Quiz: Week 1:
Assignment 1
(assessment?
name=122)

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

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☐ with (g)

Yes, the answer is correct.

Score: 1

Accepted Answers:
with (h)

2) 2 _____

1 point

☐ with (b)

☐ with (d)

☐ with (h)

☒ with (j)

Yes, the answer is correct.

Score: 1

Accepted Answers:
with (j)

3) 3 _____

1 point

☐ with (c)

☒ with (i)

☐ with (a)

☐ with (f)

Yes, the answer is correct.

Score: 1

Accepted Answers:
with (i)

4) 4 _____

1 point

☒ with (a)

☐ with (b)

☐ with (c)

☐ with (d)

Yes, the answer is correct.

Score: 1

Accepted Answers:
with (a)

5) 5 _____

1 point

☐ with (a)

☒ with (c)

☐ with (e)

☐ with (g)

Yes, the answer is correct.

Score: 1

Accepted Answers:
with (c)

6) 6 _____

1 point

☐ with (c)

☐ with (e)

☒ with (g)

☐ with (i)

Yes, the answer is correct.

Score: 1

Accepted Answers:

with (g)

7) 7 _____

1 point

☒ with (b)

☐ with (d)

☐ with (f)

☐ with (h)

Yes, the answer is correct.

Score: 1

Accepted Answers:

with (b)

8) 8 _____

1 point

☐ with (b)

☒ with (d)

☐ with (f)

☐ with (i)

Yes, the answer is correct.

Score: 1

Accepted Answers:

with (d)

9) 9 _____

1 point

☐ with (j)

☐ with (i)

☐ with (h)

☒ with (f)

Yes, the answer is correct.

Score: 1

Accepted Answers:

with (f)

10) 10 _____

1 point

☐ with (c)

☒ with (e)

☐ with (f)

☐ with (i)

Yes, the answer is correct.

Score: 1

Accepted Answers:

with (e)