

Home ► My courses ► Spring 2016 ► 16S\_44374 ► Monday (05/16) & Wednesday (05/18) ► MIDTERM EXAM

**Started on** Monday, May 16, 2016, 8:06 PM

**State** Finished

**Completed on** Monday, May 16, 2016, 9:50 PM

**Time taken** 1 hour 43 mins

**Points** 18.00/34.00

**Grade** 52.94 out of 100.00

### Question 1

Incorrect

0.00 points out of 1.00

Flag question

What is the generic name for these HTML entities--**id**, **name**, **height**, **alt**?

NOTE: Your answer should be a single word.

Answer: Title



The correct answer is: attribute

### Question 2

Incorrect

0.00 points out of 1.00

Flag question

Which model of software development includes these phases--System Requirements, Software Requirements, Requirements Analysis, Program Design, Coding, Testing, and Operations?

Select one:

- ☐ a. Waterfall
- ☒ b. Agile
- ☐ c. RAD
- ☐ d. Design-by-Contract
- ☐ e. None of these

Your answer is incorrect.

See page 187 in text.

The correct answer is: Waterfall

### Question 3

Correct

1.00 points out of 1.00

Flag question

Scripted testing's primary advantage over exploratory testing is that because it begins earlier in the software lifecycle, defects can be found and corrected earlier.

Select one:

- ☒ True
- ☐ False

See top of page 209 in text.

The correct answer is 'True'.

### Question 4

Incorrect

0.00 points out of 1.00

Flag question

What Bugzilla query will find all of the bugs I have filed, regardless of their current **Status**?

NOTE: Your answer should be an URL, copy/pasted from your browser's URL area. I will grade each of your answers manually, so do not be alarmed by the score assigned to this question by Catalyst immediately after you finish.

Answer: <https://app.devzing.com/cis74/bugzilla/buglist.cgi?email3=marie.taylor.harper%40me.com&emailongdesc3=1&emailtype3>

The correct answer is: [https://app.devzing.com/cis74/bugzilla/buglist.cgi?columnlist=product%2Ccomponent%2Cbug\\_status%2Cshort\\_desc%2Creporter\\_realname&email1=pumphrey&emailreporter1=1&emailtype1=substring&list\\_id=3](https://app.devzing.com/cis74/bugzilla/buglist.cgi?columnlist=product%2Ccomponent%2Cbug_status%2Cshort_desc%2Creporter_realname&email1=pumphrey&emailreporter1=1&emailtype1=substring&list_id=3)

Comment:

Way too many bugs found

#### Question 5

Correct

1.00 points out of 1.00

Flag question

What is the numeric id of the error code generated when the target page of a link cannot be found?

NOTE: Your answer should be a number, nothing else.

Answer: 404



The correct answer is: 404

#### Question 6

Correct

1.00 points out of 1.00

Flag question

What is the term for a group of related test cases?

Answer: Test suite



The correct answer is: test suite

#### Question 7

Incorrect

0.00 points out of 1.00

Flag question

What Selenium IDE command can be used to check that the title of the current page is as expected?

NOTE: Your answer should be a single word. There is more than one correct answer, but you should specify only one of these.

Answer: Verify



The correct answer is: verifyTitle

#### Question 8

Correct

1.00 points out of 1.00

Flag question

Which organization has created a standard set of test planning documentation templates, including the TCS, TDS, and TPS?

Answer: IEEE Standard 829



See page 188 in text.

The correct answer is: IEEE

Comment:

#### Question 9

Correct

1.00 points out of 1.00

Flag question

What's the shortened form of the term Accessibility?

Answer: A11Y



The correct answer is: A11Y

#### Question 10

Not answered

Points out of 2.00

Flag question

Which user has filed the most reports in our Bugzilla system? Please specify that user's real name.

#### HINTS:

- Obtaining the solution is not as easy as an exotic search.
- Obtaining the solution is not as painful as running a query for every Reporter.
- Be sure your solution evaluates ALL bugs filed, not just those currently open. In other words, all bugs numbered 1 - 137 (and possibly higher by the time you read this question!) should be included in your evaluation.

Answer:



What I did:

- Ran a query for all bugs.
- Sorted the results by the **Reporter** column.
- Manually counted how many were in each of the longest runs for a single user.

The correct answer is: scott carter

#### Question 11

Complete

1.00 points out of 2.00

Flag question

Using Selenium IDE, create a very simple test for the **Searchable Schedule Quick Search** portion of DeAnza's Search Center. The one-line summary of the test to be written is:

**Entering a Course Title of "quality" followed by clicking the search button should produce results that include the CIS 74 course**

NOTE: Upload a single .html file as your answer to this question.

<> 1 Irynas Test

The commands in my solution are:

```
<tr>
    <td>open</td>
    <td>/searchcenter/</td>
    <td></td>
</tr>
<tr>
    <td>type</td>
    <td>CourseTitle</td>
    <td>quality</td>
</tr>
<tr>
    <td>clickAndWait</td>
    <td>css=input[type="button"]</td>
    <td></td>
</tr>
<tr>
    <td>assertElementPresent</td>
    <td>link=Computer Software Quality Assurance</td>
    <td></td>
</tr>
```

Comment:

Your assertion will pass no matter what class is returned.

#### Question 12

Incorrect

0.00 points out of 1.00

Flag question

The \_\_\_ attribute of an HTML **img** element must be provided in order to make images as accessible as possible to visually challenged users.

Answer: Title



The correct answer is: alt

#### Question 13

Correct

1.00 points out of 1.00

Flag question

Exploratory

✓ testing is defined as "simultaneous learning, test design, and test execution."

See page 202 in text.

The correct answer is: exploratory

#### Question 14

Correct

1.00 points out of 1.00

Flag question

What kind of test suites have their results compared to the results of the same tests run against a previous version of the program?

Select one:

- ☐ a. Performance test suites
- ☐ b. Unit test suites

- ☒ c. Regression test suites ✓
- ☐ d. Bug-fix verification test suites
- ☐ e. Agile test suites

Your answer is correct.

See top of page 7 in text.

The correct answer is: Regression test suites

#### Question 15

Correct

1.00 points out of 1.00

Flag question

What does SUT stand for? (Your answer should be exactly three words in length, with no blanks other than those between words!)

Answer: Soft Under Test ✗

See top of page 20 in text.

The correct answer is: Software Under Test

Comment:

#### Question 16

Incorrect

0.00 points out of 1.00

Flag question

What is the generic name for the type of tool like Selenium IDE? This category of tool is often criticized and/or looked down upon.

NOTE: Your answer should be two words separated by a slash (/). Do not use any extraneous spaces!

Answer: Selenium/WebDriver ✗

The correct answer is: capture/replay

#### Question 17

Correct

1.00 points out of 1.00

Flag question

Which development methodology requires methods to have pre- and post-conditions?

Select one:

- ☐ a. Agile
- ☐ b. Waterfall
- ☒ c. Design by contract ✓
- ☐ d. Defensive design
- ☐ e. Extreme

Your answer is correct.

See page 27 of text.

The correct answer is: Design by contract

#### Question 18

Correct

1.00 points out of 1.00

Flag question

How many test cases must be created for each boundary value if one is using boundary value testing?

Select one:

- ☐ a. 1
- ☐ b. 2
- ☒ c. 3 ✓
- ☐ d. 4
- ☐ e. 5

Your answer is correct.

See page 42 of text.

The correct answer is: 3

#### Question 19

What is the (one-word) term for any program, process, or data that provides the test designer with the expected result of a test?

Incorrect

0.00 points out of 1.00

Flag question

Answer: Software



See the bottom of page 6 in text.

The correct answer is: oracle

#### Question 20

Incorrect

0.00 points out of 1.00

Flag question

Dead Link Checkers can only detect links that go nowhere; they cannot find links that go to the wrong place.

Select one:

- ☐ True
- ☒ False

The correct answer is 'True'.

#### Question 21

Correct

1.00 points out of 1.00

Flag question

Which Selenium product was first released in 2011?

NOTE: Your answer should be a single word.

Answer: Selenium WebDriver



The correct answer is: WebDriver

Comment:

I'm giving you the point but please pay more attention to instructions! That's part of becoming a detail-oriented QA'er! The instructions said that your answer "should be a single word."

#### Question 22

Incorrect

0.00 points out of 1.00

Flag question

Exploratory means that there is a definition of a test from design through to detailed procedure at a level of detail sufficient for someone other than the author to execute it in an identical way.

See page 188 in text.

The correct answer is: Repeatability

#### Question 23

Correct

1.00 points out of 1.00

Flag question

Which type of testing is based solely on the software's requirements and specifications?

Select one:

- ☐ a. White box testing
- ☐ b. Clear box testing
- ☐ c. Gray box testing
- ☒ d. Black box testing
- ☐ e. Glass box testing

Your answer is correct.

See bottom of page 8 in text.

The correct answer is: Black box testing

#### Question 24

Correct

1.00 points out of 1.00

Flag question

What's the shortened form of the term *Internationalization*?

Answer: I18N



The correct answer is: I18N

**Question 25**

Correct

1.00 points out of 1.00

Flag question

Which of these can be done to an orthogonal array without losing the orthogonality?

Select one:

- ☒ a. Delete columns ✓
- ☐ b. Delete rows
- ☐ c. Delete rows and columns
- ☐ d. Delete rows with unused elements
- ☐ e. None of these are safe

Your answer is correct.

See page 83 of text.

The correct answer is: Delete columns

**Question 26**

Correct

1.00 points out of 1.00

Flag question

Which of these will cause an unwanted execution failure in a Selenium IDE test case?

Select one:

- ☐ a. Blank comment
- ☒ b. Blank command ✓

Your answer is correct.

The correct answer is: Blank command

**Question 27**

Correct

1.00 points out of 1.00

Flag question

Which type of assertion are these Selenium IDE commands--**verifyAttribute**, **verifyElementPresent**, and **verifyText**?

Select one:

- ☒ a. Soft ✓
- ☐ b. Hard

Your answer is correct.

The correct answer is: Soft

**Question 28**

Incorrect

0.00 points out of 1.00

Flag question

Which of these documents includes a list of test cases, including a short description of each case?

Select one:

- ☒ a. Test Case Specification ✗
- ☐ b. Test Design Specification
- ☐ c. Test Plan
- ☐ d. Test Procedure Specification
- ☐ e. None of these

Your answer is incorrect.

See bottom of page 192 in text.

The correct answer is: Test Design Specification

**Question 29**

Incorrect

0.00 points out of 1.00

Flag question

The following is an orthogonal array.

1 1 1  
2 2 2  
3 3 3  
1 2 3  
2 3 1  
3 1 2  
1 3 2  
2 1 3  
3 2 1

Select one:

- ☐ True
- ☒ False ❌

See bottom of page 67 and top of page 68 in text. The array in this question is the same as the array on those pages, except the first column has been removed. Page 83 makes clear that removing a column from an array does not affect its orthogonality.

The correct answer is 'True'.

### Question 30

Incorrect

0.00 points out of 1.00

🚩 Flag question

Which type of assertion allows a test to keep running even if the assertion fails?

Select one:

- ☐ a. Soft
- ☒ b. Hard ❌

Your answer is incorrect.

The correct answer is: Soft

### Question 31

Correct

1.00 points out of 1.00

🚩 Flag question

Which type of testing technique is associated with orthogonal arrays?

Select one:

- ☐ a. Equivalence class testing
- ☐ b. Boundary value testing
- ☐ c. Decision table testing
- ☒ d. Pairwise testing ✔️
- ☐ e. State-transition testing

Your answer is correct.

See chapter 6 in text.

The correct answer is: Pairwise testing

### Question 32

Incorrect

0.00 points out of 1.00

🚩 Flag question

Which San Francisco company is the best known of BrowserStack's competitors?

Answer:  ❌

The correct answer is: Sauce Labs

Finish review

### QUIZ NAVIGATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

Show one page at a time

Finish review