## Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Quiz 1 for CSC 360

Spring 2015

For multiple choice (1 point each), circle the best answer.

1. A method for learning detailed information about individual users and actual tasks is
2. the contextual interview.
3. the survey.
4. the focus group.
5. the usability test.
6. An ethically conducted user interview should always include
7. a non-disclosure agreement.
8. a video recording of the session.
9. an explanation of how the participant’s information will be kept confidential.
10. consent that is documented with the participant’s signature.
11. According to Gould and Lewis, the three principles of user-centered design include
12. early coding, testing, and debugging.
13. requirements gathering, implementation, and maintenance.
14. focus groups, client interviews, and visual design.
15. early focus on users, evaluation, and iterative design.
16. Consider details that are frequently indicated in a persona. Provide one detail that should be fictitious and one detail that should be based on user research. (2 points)

For the remaining questions, assume that the following code is in a JavaScript file sourced in a web page using the jQuery library. Also assume that the HTML code in the web page includes a button with an **id** equal to “calc”.

**obj = {**

**color: "white",**

**shape: "round",**

**signal: function(key) { this[key] = "blue"; }**

**}**

**// create obj2 with obj as its prototype**

**obj2 = Object.create(obj);**

**obj2.color = "green";**

**$(function() {**

**$("#calc").click(function() {**

**var element = "color";**

**obj2.signal(element);**

**});**

**alert("hello!");**

**});**

1. After the page fully loads and before any user events, what is the value of the expression **obj2.shape**? (1 point)
2. Explain when the alert box with the string “hello!” appears. (1 point)
3. After the button is pushed, what is the value of the expression **obj2.color**? (1 point)
4. Write a statement so that both the expression **obj.greeting()** and **obj2.greeting()** produce an alert box with the string “Hey!” (2 points)