

NOTE: It is my policy to give a failing grade in the course to any student who either gives or receives aid on any exam or quiz.

INSTRUCTIONS: Answer questions in your exam book.

1. Is your cell phone off?
2. (a) What is the difference between an *event handler* and an *event listener*? (b) Give examples of where each would be more appropriate than the other.
3. Give an example where it would be useful to put a rule in a stylesheet that applies to elements of a certain class even though the web page is written with no elements of that class. (*Think, "highlighted paragraphs."*)
4. What are two reasons for using the *Core* library? For one reason, include an explanation of what the alternative would be to using *Core.addClass()*, and for the other include an explanation what would be the alternative to using *Core.addEventListener()*. But state the two reasons explicitly before you give the examples.
5. Describe the argument that has to be passed to *Core.start()*.
6. Write a self-executing function that just calls *console.log()* to display a message.
7. Describe how a JavaScript program and a PHP program can exchange JSON-encoded information in as much detail as you can. Include how the JavaScript side initiates the exchange, how the PHP side generates the response, and how the JavaScript side receives the response.
8. What is an SQL injection attack? Explain what *htmlspecialchars()* does, how it is used, and how it can be used to prevent SQL injection attacks.