Questions for REST and the Web

1. What is the state of a computer?
   1. *The condition of the computer regarding its current values and contents*
   2. The value of a resource at any given time
   3. The transfer of information over the web
   4. None of the above
2. How many types of states do web applications have?
   1. Four
   2. One
   3. Three
   4. *Two*
3. What does REST stand for?
   1. Represent State Transfer
   2. *Representational State Transfer*
   3. Representational Stateless Transfer
   4. Representational State Transference
4. What is a Representation?
   1. The state of the computer on which you’re surfing the web
   2. The state of the server you are accessing to get information from the web
   3. *The value of a resource at any given time*
   4. The transfer of information over the web
5. Which of the following is a type of state for web applications?
   1. Application State
   2. Resource State
   3. *Both of the above*
   4. None of the above
6. What is Application State?
   1. *The state of the computer on which you’re surfing the web*
   2. The state of the server you are accessing to get information from the web
   3. The value of a resource at any given time
   4. The transfer of information over the web
7. What is Resource State?
   1. The state of the computer on which you’re surfing the web
   2. *The state of the server you are accessing to get information from the web*
   3. The value of a resource at any given time
   4. The transfer of information over the web
8. You are on Flickr’s home page and you click on a picture. The home page disappears and a page with the picture comes up. This is an example of a change in:
   1. Representation
   2. *Application State*
   3. Resource State
   4. None of the above
9. Which of the following is a benefit of REST?
   1. It keeps the user interface and server separate from each other so they can evolve and scale independently
   2. It is less complex than other means of data transfer
   3. It provides the means to obtain and manipulate data in a number of different formats
   4. *All of the above*
10. With REST, how is information transferred between the application and the server?
    1. *HTTP messages*
    2. HTML messages
    3. XML
    4. JSON
11. Which of the following HTTP verbs request that the server accept information?
    1. GET
    2. *POST*
    3. PUT
    4. DELETE