**CPSC-24500: Object-Oriented Programming**

**Week 8 Questions (10 pts)**

Instructions: Answer the questions below by highlighting the best answer or by writing the answer in the text box immediately following the question. Submit a copy of this document to the Blackboard Homework link by the end of the day Sunday. The file should be named “FirstNameLastNameWeek7” with a .docx” extension. For example, if Eric Pogue was submitting the document, the file name would be “EricPogueWeek8.docx”.

This is an individual assignment and answers are not to be shared.

1. Describe the differences and pros/cons between client-server, two-tier, and three-tier applications development architectures. (3 pts)

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1. How does do Java Data Hiding and Web Services network programming compare in their ability to protect data from hackers? (3 pts)

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1. A relational database is good at? Select all that apply.
   1. Encapsulating data
   2. Maintaining data relationships
   3. Maintaining table relationships
   4. Hiding data
   5. Joining tables
2. Describe the sequence of events that a client sockets network program would utilize to make a request to a socket server? (3 pts)

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