**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 Data Hiding and Web Services compare in protecting data from hackers? (3 pts)

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1. A relational database is good at? Select all that apply.
   1. Encapsulating data fields
   2. Maintaining data relationships
   3. Maintaining table relationships
   4. Hiding data
   5. Joining tables
2. Why do almost all database servers utilize threading? (1 pts)

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