

PGT Exam Performance Feedback

2016/2017 Semester 2

COMP62532 Component-based Software Development

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Comments Section A: multiple choice questions - completed online

Section B

Question 2

This question requires the use of X-MAN component model to build a system for an online shopping cart. It was attempted by most students. Some students gave excellent answers but most students gave a relatively poor answer, particularly on data channels. Data channels should be marked on the system's diagram, i.e. linking specific ports of specific components. Some students use incorrect syntax (for components and connectors), which results in a wrong system.

Question 3

This question requires the use of EJBs to build a system for an online shopping cart. Not many students attempted this question. Most answers were relatively poor. Beans should be described using the correct syntax, not just using text. The system should be described using a diagram and there should be a client application that invokes the EJBs. System behaviour should be described as the order in which the EJBs are called, starting from the client application

Question 4

This question requires the use of UML2.0 to build a system for an online shopping cart. It was attempted by most students. Some students gave excellent answers but most students gave a relatively poor answer. Architectural units should be described using the correct syntax (and diagram) and not just using text. The system should be described using a diagram. It should have a correct interface for the user to select/remove/change items, and for the system to provide an invoice. System behaviour should be described as the order in which the architectural units call one another, after the user inputs.
