My exam questions in this paper are: A-a [4], A-b [3], A-c [3], B1-a [2], B1-b [5], B1-c [3], and B2-a [4], B2-b [2], B2-c [4], where [x] denotes the number of marks assigned to each question.

According to the marks obtained, these questions have clearly delineated top-end and bottom-end students, as, for example, the highest total marks for B1 plus B2 are 17 whereas the lowest are 3.

My observation on the performance of each question is summarised as follows:

• A-a: A common mistake of the answer to this question is the omission of describing Role pattern as a solution to address the problem.
• A-b: Students in general understood what these three views are, but some students failed to link them to appropriate UML diagrams. This is a surprise, as the answer has been explicitly given in the lecture notes. If students revised my lecture notes carefully, this is an easy question to answer.
• A-c: Most students can answer this question.
• B1-a: Most students can answer this question, but a few didn’t know what AOP or “cross-cutting concern” means, though the answer is available on the lecture notes.
• B1-b: A common problem is lack of understanding, as some students don’t know the difference between information hiding and encapsulation. In addition, a small number of students don’t know two meanings of encapsulation.
• B1-c: Most students can answer this question.
• B2-a and B2-c: Most students cannot draw Class Diagram correctly and don’t know the notation of containment. A considerable number of students don’t know business application design patterns.
• B2-b: Most students can answer this question.

A general observation is that there is no evidence that my questions are harder or easier than John's as the exam performance of both sets of questions is consistent.

Overall, I think my questions are modestly challenging and were carefully designed to test how well students have understood the topics covered by my lectures.