

**Web Engineering (BESE-12)**  
**Quiz 2 - Solution**

**Total Marks 10**  
**4<sup>th</sup> May, 2010**

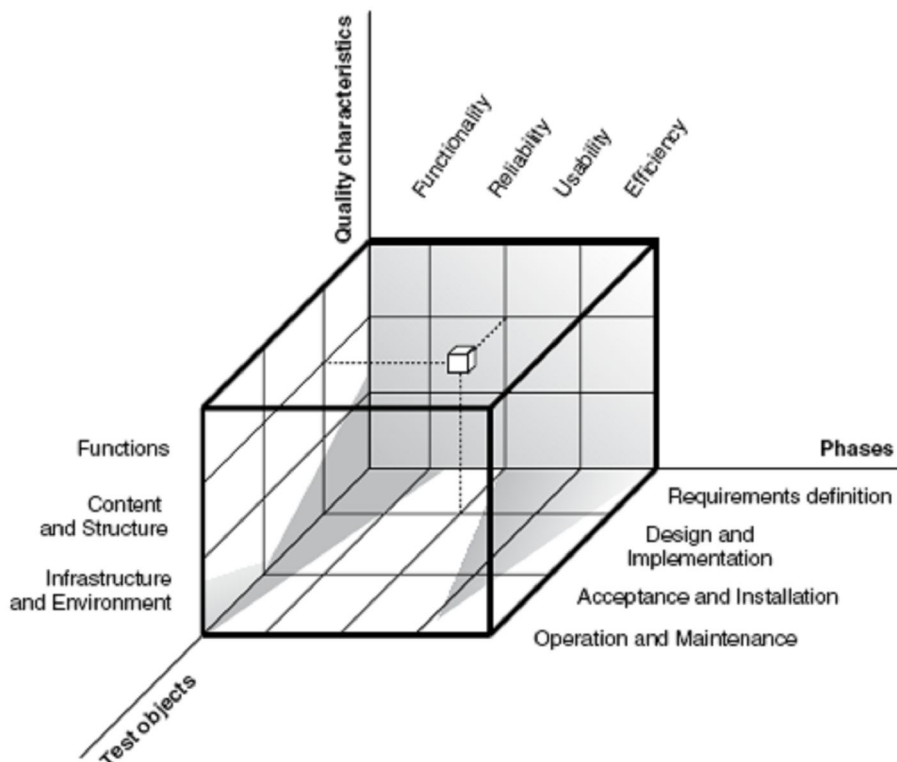
**Q1. Why Integration testing is performed? [2]**

Integration tests: evaluate the interaction between distinct and separately tested units once they have been integrated. Integration tests are performed by a tester, a developer, or both jointly.

**Q2. What are the difficulties and limitations faced when we test an application for multi-platform delivery? [2]**

The large number of potential devices and their different performance characteristics represent a challenge. Even if all potential devices were available, tester had to test for each individual device. Often simulators/emulators are available, but they don't show the exact behaviour of the original device.

**Q3. With the help of a diagram, represent the three dimensions of a test scheme. [3]**



**Q4. Which aspects of Web application are tested while performing browser testing? [3]**

1. Is the Web application's state managed correctly, or could inconsistent states occur when navigating directly to a page, for example, by using the browser's "Back" button?
2. Can a (dynamically generated) Web page be bookmarked during a transaction, and can users navigate to that page later without having to enter a user name and password to log in?
3. Can users use the Web application to open it in several browser windows (one or several instances of the Web browser) concurrently?
4. How does the Web application react when the browser has cookies or script languages deactivated?