

Web Engineering (BESE-12)
Quiz 1 - Solution

Total Marks 10 (2 marks each)

11 Mar, 2010

Q1. Define Web Engineering.

Web Engineering is the application of systematic and quantifiable approaches (concepts, methods, techniques, tools) to cost-effective requirements analysis, design, implementation, testing, operation, and maintenance of high-quality Web applications. It is also the scientific discipline concerned with the study of these approaches.

Q2. List down different categories of Web Engineering.

- Document centric Web sites
- Interactive Web
- Transactional Web applications
- Workflow-based Web applications
- Collaborative Web applications
- Social Web
- Portal-oriented Web applications
- Ubiquitous Web applications
- Semantic Web

Q3. In usage related characteristics of Web applications, briefly describe what social aspects are important?

Spontaneity

- Frequency of a user's visit to a Web site is unpredictable, Same is the case with loyalty, user may move to competitor's Web site.

Multiculturality

- Different user groups belong to different cultural backgrounds
- Customisation content is therefore, required to meet the needs of each group i.e., consider users' with certain disabilities

Q4. List down various principles that have to be considered while performing RE for Web applications.

Ans:

- Understanding the System Context
- Involving the Stakeholders
- Iterative Definition of Requirements
- Focusing on the System Architecture
- Risk Orientation

Q5. Briefly describe one method that is most suitable for the requirements validation of Web Applications.

Online feedbacks are the most suitable way for requirements validation for Web Applications.