Exam. Code : 110002
Subject Code :   3751

Bachelor of Vocation (Web Technology & Multimedia)
2nd Semester
ANALYSIS AND DESIGN FOR WEB APPLICATIONS
Paper—109

Time Allowed—3 Hours]   [Maximum Marks—50

Note :— Attempt any *five* questions. All questions carry equal marks. Students can use only Non-programmable & Non-storage type calculator.

1. (a) What do you mean by a system ? What are the basic principles of a successful system ?   5

    (b) What is participatory design ? What is its role in software development ?   5

2. List various tools used for structured analysis. Discuss any two in detail.   10

3. What do you mean by software ? What are characteristics of software ? What are software components ? Discuss in detail.   10

4. What are the central problems in software requirement specification ? What are the basic activities performed during the requirement phase ?   10

5. What do you mean by system design ? What are objectives of system design ? What are design principles ? Discuss in detail.   10

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6. What is electronic commerce ? Differentiate between E-commerce and traditional commerce. What are the benefits of E-commerce to organization ? 10

7. What short notes on the following :
   (a) Product and service digitization 5
   (b) Online marketing. 5

8. What do you mean by web-site ? What are web-site strategies and web-site design principles ? Elaborate the role of web-site in B2C e-commerce. 10