

B.Sc. (With Credits)-Regular-Semester 2012 Sem V  
**B.Sc.3513 : Computer Science-I**  
**(System Analysis and Project Management) Paper-I**

P. Pages : 2

Time : Three Hours



**GUG/S/16/3360**

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.  
2. Draw well labelled diagrams if necessary.

**1. Either:**

- a) Define system. Explain different types of systems. 5
- b) Differentiate between Data and Information. 5

**OR**

- c) Explain various elements of MIS. 5
- d) Explain in detail information life cycle. 5

**2. Either:**

- a) Explain system development life cycle in detail. 5
- b) What do you mean by Feasibility Study ? Explain it. 5

**OR**

- c) Write short note on: 5  
i) Data dictionary ii) CASE tools.
- d) Explain Data flow diagram with suitable example. 5

**3. Either:**

- a) Explain input design and output design in brief. 5
- b) What is Documentation ? Explain various types of documentation. 5

**OR**

- c) Define Testing. Explain the levels of testing. 5
- d) Explain the term system implementation. 5

4. **Either:**
- a) Write a note on quality of software. 5
  - b) Explain the role of project manager. 5

**OR**

- c) Explain the project estimation in brief. 5
  - d) Explain the concept of Quality standards. 5
5. Attempt **all** the questions.
- a) What do you mean by DSS and OAS ? 2½
  - b) Write a short note on Decision table. 2½
  - c) What is Quality assurance Explain it. 2½
  - d) Define the term Quality Management. 2½

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