

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

P. Pages : 2

Time : Three Hours



**GUG/W/16/3360**

Max. Marks : 50

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

**Either**

1. a) Define a system and explain the characteristics of system. 5  
b) Explain the various elements of MIS. 5

**OR**

- c) Explain a information life cycle. 5  
d) Write a short note on 5  
    i) Environment and interface.  
    ii) boundaries of a system.

**Either**

2. a) Explain the system development life cycle in brief. 5  
b) Differentiate between open – ended and closed – ended questions. 5

**OR**

- c) What do you mean feasibility study? Explain. 5  
d) Discuss the importance of Data Dictionary. 5

**Either**

3. a) What are the factors analyst must consider during input design. 5  
b) Write a note on Pilot change over conversion method. 5

**OR**

- c) Define a testing and state the objectives of system testing. 5  
d) Write a note on Nature of Test data. 5

**Either**

4. a) What are the main responsibilities of project manager? 5  
b) Write a note on quality of software. 5

**OR**

- c) Write a note on quality assurance and certification. 5  
d) Explain the term project estimation. 5
5. Attempt all the questions.
- a) Write a note on Decision support system. 2½  
b) Differentiate between direct and indirect cost. 2½  
c) List the various types of Documentation. 2½  
d) Write a note on burglar alarms. 2½

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