

B.SC. (I. T.) SEM. - II (2011 COURSE) : WINTER - 2017
SUBJECT: STRUCTURED SYSTEMS ANALYSIS AND DESIGN

Day: Thursday
Date: 28/12/2017

W-2017-0868

Time: 02.30 PM TO 05.30 PM
Max. Marks: 80

N.B:

- 1) Attempt **ANY FIVE full** questions.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat diagrams **WHEREVER** necessary.
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- Q.1 a)** List the elements of a “System”. Give an example of a real life system and identify the elements listed. **(08)**
- b)** Clearly distinguish between TPS, MIS and DSS. Give one example for each. **(08)**
- Q.2** Draw the Context Level, Level 1 and Level 2 Data Flow Diagrams for managing a restaurant. **(16)**
- Q.3 a)** What is “Feasibility study?” Explain why a feasibility study is required and the types of feasibility studies. **(10)**
- b)** Explain the qualities required by a successful Systems Analyst. **(06)**
- Q.4 a)** What are the characteristics of good documentation? **(10)**
- b)** What are the different types of documents used? Who are the users of these documents? **(06)**
- Q.5 a)** Distinguish between coupling and cohesion. What is the result of poor coupling and cohesion? **(08)**
- b)** What is Information System Audit? Why is it required? **(08)**
- Q.6** Write short notes on **ANY FOUR** of the following: **(16)**
- a) Feature/ Scope Creep
 - b) Scrum
 - c) Span of control
 - d) Modularity
 - e) Data Dictionary

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