

B.Sc. (I. T.) Sem. - II (CBCS - 2015 Course) : WINTER - 2018
SUBJECT: SYSTEMS ANALYSIS AND DESIGN

Day: Wednesday
Date: 28/11/2018

Time: 02.30 p.m. to 05.30 p.m.
Max. Marks: 60

W-2018-1072

N.B.:

- 1) Attempt **ANY SIX** questions.
- 2) Figures to the right indicate **FULL** marks
- 3) Draw neat, labeled diagrams **WHEREVER** necessary.

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- Q.1** What is “System”? Explain the various characteristics of a system. **(10)**
- Q.2** With the help of a suitable diagram explain the various phases of SDLC **(10)**
- Q.3** Write a short note on CASE tools. Also explain the importance of CASE tools in Systems Analysis and Design. **(10)**
- Q.4** Design a decision support system (DSS) for “Make My Trip”, a vacation management system. **(10)**
- Q.5** Explain the seven phases involved in System Planning and Feasibility Analysis. **(10)**
- Q.6** Explain the concept of MIS with a suitable diagram showing the components involved in MIS. **(10)**
- Q.7** Write a short note on documentation requirement in System Analysis and Design. **(10)**
- Q.8** Write short notes on **ANY TWO** of the following: **(10)**
- a) Software Development Plan
 - b) SRS
 - c) Test Documentation
 - d) Software Design Document

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