

**M.B.A. (IT) SEM – II (2010 COURSE) (3 YEAR COURSE) :
SUMMER - 2018**

SUBJECT: ANALYSIS & DESIGN OF INFORMATION SYSTEMS

Day : **Friday**
Date : **01/06/2018**

S-2018-4539

Time: **02.00 P.M. TO 05.00 P.M.**
Max. Marks: 70

N.B.:

- 1) Attempt **ANY FOUR** questions from Section – **I** and attempt **ANY TWO** questions from Section – **II**.
- 2) Answers to both the sections should be written in the **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** Define system. Explain the elements of the system. [10]
- Q.2** What is SRS? Discuss the structure of SRS document. [10]
- Q.3** What is feasibility study? Explain types of it. [10]
- Q.4** Explain the mode of interaction between the system and user. [10]
- Q.5** Write short notes on **ANY TWO** of the following: [10]
- a) Role of DBA.
 - b) Structured English
 - c) CASE tools.

SECTION – II

- Q.6** Draw a context level and first level Data Flow diagram for a Banking system. [15]
- Q.7** Draw Entity Relationship diagram for a Hospital, where a hospital has many Doctors. Each Doctor is treating to many patients. A patient can be diagnosed into laboratory. Hospital has many different rooms in which patients are admitted. [15]
- Q.8** a) Design a questionnaire to collect the information about your College from the office. [08]
- b) Discuss the importance of word ‘structured’ in structured analysis and design. [07]