

S.D.E.

M.B.A. (IT) SEM – II (2010 COURSE) (3 YEAR COURSE) :
WINTER - 2017

SUBJECT: ANALYSIS & DESIGN OF INFORMATION SYSTEMS

Day: Thursday
Date: 14/12/2017

W-2017-4348

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

N.B.:

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

SECTION-I

- Q.1** What is data Dictionary? How it is important? How data dictionary is maintained? Explain with example. (10)
- Q.2** What is requirement engineering? Explain the process of requirement engineering. (10)
- Q.3** What is feasibility study? Explain the types of feasibility study. (10)
- Q.4** Discuss the role of Database administrator in brief. (10)
- Q.5** Write the short note on any **TWO** of the following: (10)
- a) Report design
 - b) Dialogue strategies
 - c) Maintenance

SECTION-II

- Q.6** Design a context level DFD and first level DFD for Food ordering system. (15)
- Q.7** Design any two data entry screens and any two reports for Hospital management system. (15)
- Q.8** a) “The design of the real time application is most challenging and complex task that can be undertaken by software engineer”. Comment. (08)
- b) Draw the decision tree for the following case: (07)
- The RTO has framed the following rules for issuing license and batch to the Auto Rickshaw drivers. Person should be minimum 8th std. pass. Person should be of age above 20 years and should possess valid LMV driving license. Person should be resident of the city more than 10 years otherwise he has to get recommendation from local municipal council member.

* * * *