

S.D.E.

B.C.A. (2004 COURSE SEM- II : WINTER - 2017

SUBJECT : SYSTEM ANALYSIS & DESIGN

Day : Wednesday
Date : 13/12/2017

W-2017-4154

Time : 02.00 PM TO 05.00 PM
Max. Marks : 80

N.B.

- 1) Attempt any **FIVE** 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 the **SEPARATE** answer book.

SECTION – I

- Q.1** Define system. Explain different types of system with suitable example. (10)
- Q.2** Describe the role and tasks of system analyst. (10)
- Q.3** Discuss different phases of SDLC giving suitable example. (10)
- Q.4** Discuss merits and demerits of interview techniques. (10)
- Q.5** Explain different interfaces and dialogue strategies with example. (10)
- Q.6** Explain decision tree giving suitable example. (10)
- Q.7** Write short note on any **TWO**: (10)
- a) FDD
 - b) Fact finding techniques
 - c) Flow chart
 - d) Transaction processing system

SECTION – II

- Q.8** Draw ERD for a student information system for a college. Explain the concept of cardinality through it. (15)
- Q.9** What is user interface? Discuss user friendly interface with suitable example. (15)
- Q.10** Draw context level first level and second level data flow diagram for pathology lab system use your own system specification. (15)

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