



SB-195

Total No. of Pages : 1

Seat No.	
----------	--

B.C.A. (Faculty of Commerce) (Part-II) (Semester - III)
Examination, November - 2018
SYSTEM ANALYSIS & DESIGN
Sub. Code: 63398

Day and Date : Tuesday, 13 - 11 - 2018

Total Marks : 80

Time : 10.30 a.m. to 1.30 p.m.

- Instructions :
- 1) Attempt any 5 questions.
 - 2) All questions carries equal marks.
 - 3) Figures in right side indicate full marks.

- Q1) Define system. Explain elements and types of system in detail. [16]
- Q2) What is fact finding technique? Explain different fact finding techniques in detail. [16]
- Q3) a) What is system analysis? Explain significance of system analysis for requirement gathering. [8]
b) Define file design. Explain working of index sequential file with example. [8]
- Q4) a) Define ERD. Draw ERD for college management system. [8]
b) What is output design? Explain types of output design. [8]
- Q5) a) What is feasibility study? Explain types of feasibility study with its importance in software development. [8]
b) Explain different steps of SDLC with neat diagram. [8]
- Q6) Define input design. Which are the different data entry methods used in software development? Explain guidelines for user interface design. [16]
- Q7) a) What is system development? Explain characteristics of system. [8]
b) Explain any two software testing methods. [8]
- Q8) Write short notes on (Any 2) [16]
a) Black Box Testing.
b) Software maintenance
c) Computer based system.
d) Data storage

✓ ✓ ✓