

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

**B.C.A. (Commerce) (Part - II) (Semester - III) Examination,  
November - 2019**

**System Analysis and Design (Paper - 303)**

**Sub. Code : 63398**

**Day and Date : Friday, 08 - 11 - 2019**

**Total Marks : 80**

**Time : 11.00 a.m. to 02.00 p.m.**

- Instructions :**
- 1) Attempt any five questions.
  - 2) Figures to the right indicate full marks.

- Q1)** What do you mean by feasibility study? Explain different feasibilities considered before development of system. [16]
- Q2)** a) What is report? Explain different types of report. [8]  
b) Explain need and importance of software maintenance. [8]
- Q3)** a) What is software testing? Explain types of software testing. [8]  
b) Write the guidelines for designing data entry screen. [8]
- Q4)** a) What is maintenance? Explain different types of maintenance. [8]  
b) What is system? Write the characteristics of system. [8]
- Q5)** What is Computer based system? Explain different phases of SDLC with various activities involved in each phase. [16]
- Q6)** a) Explain Interview and questionnaire techniques in detail. [8]  
b) Draw 0<sup>th</sup> × 1<sup>st</sup> level DFD for library system. [8]
- Q7)** a) What is file? Explain different types of files. [8]  
b) Draw ERD for College system. [8]
- Q8)** Write short notes on (Any Two) : [16]  
a) DFD  
b) Input design  
c) Sequential access file

