

B.Sc. Semester - 5 (NEP-2020) Examination**Oct/Nov - 2025****BCA, BSC(IT): System Analysis and Design (Skill Enhancement Course)****Time: 1:00 Hours****Marks: 25****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1 Answer any two (10)
1. Explain the role of system analyst in design and development of software
 2. List various fact finding techniques. Explain any one in detail
 3. What is Quality Assurance? Outline how it can be implemented in software development
 4. What is Software Testing? Explain various software testing tools
- Que.2 Answer any two (10)
1. What is SDLC? List various models of SDLC. Explain any one
 2. Differentiate between freeware and shareware
 3. What is DFD? Explain how it is useful in software development process
 4. Write a short note on : Timeline Chart
- Que.3 Answer any one (05)
1. Differentiate between QA and QC
 2. Write a short note on : Data Dictionary
