

B.Sc. Semester - 5 (Remedial) (NEP-2020) Examination**March/April-2026****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 the following questions (ANY 2) (10)
1. Explain Role and Responsibilities of System Analyst.
 2. Explain fact finding techniques and Requirement Analysis.
 3. What is Quality Assurance and Quality Control? Explain it.
 4. What is software Testing? Explain Testing tools.
- Que.2 Answer the following questions (ANY 2) (10)
1. What is Open-source Software, Freeware and Shareware? Explain it.
 2. What is Data Dictionary? Explain it.
 3. Explain Data Flow Diagram with example.
 4. Explain E-R Diagram with example.
- Que.3 Answer the following questions (ANY 1) (05)
1. Explain different phases of SDLC.
 2. Explain Software Development Life Cycle Models.
