

**Term Test (2023-2024)**  
**BCA (NEP) II Semester I Year**

**Code-CSA5009T**

**Subject-System Analysis and Design**

**Time-3 hours, ax Marks-70**

Section A consists of 10 questions, two questions from each unit carrying 2 marks each. Total marks are 20.

Section B consists of total five questions (one from each unit with internal choice).each question is of 10 marks. Total marks are 50.

**SECTION-A**

**(10X2=20)**

- Q1. What is a system?
- Q2. Write the name of various phase of system development?
- Q3. What is fact finding process?
- Q4. What do you understand by feasibility study?
- Q5. What is data analysis?
- Q6. What is system proposal?
- Q7. What is IPO chart?
- Q8. What is gantt chart?
- Q9. What is programming manual?
- Q10. What is unit testing?

**SECTION -B**

Q1. What is system development life cycle? Explain various phases of system development. (10)

OR

What is the system planning and what is the importance of system planning in SAD?

Q2. What is the initial investigation for a system? Define users requirement and analysis for a new system. (10)

OR

Explain the different types of feasibility study and what is feasibility report?

Q3. What are the two types of cost-benefit analysis? Explain. (10)

OR

What is an example of cost-benefit analysis in public policy? Explain

**Q4. Write the short notes.**

**(10)**

- (a) Data dictionary.**
- (b) Flow chart.**
- (c) Decision tree.**
- (d) Decision table**

**OR**

**Explain input and output form design methodologies.**

**Q5. What is the documentation standards for a system? Explain.**

**(10)**

**OR**

**Why is data security so important? What are disaster recovery plan for a system.**