



QP CODE: 22100728

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,
APRIL 2022**

Third Semester

B.Sc Computer Science Model III

CORE COURSE - CC3CRT02 - SYSTEM ANALYSIS AND DESIGN

2017 Admission Onwards

6290C4C1

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What is an abstract system?
2. Name the levels of a system.
3. What is Speciality forms?
4. Define Decision trees.
5. What is Information service request?
6. What is Study phase report?
7. What do you mean by logical design?
8. What is a logical record?
9. What do you mean by conversion?
10. What is structured programming?
11. What do you mean by response time?
12. What is the changeover crisis?

(10×2=20)





Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Explain about Organization chart.
14. What are the uses of system analysis?
15. What is the essential characteristics of significant digit codes? Present an example.
16. List four situations that make use of Questionnaire appropriate.
17. Explain design phase report.
18. What is the purpose of the design phase review?
19. Draw development phase activity flowchart.
20. What project plans and schedules are presented at the development phase review?
21. Describe the change management process.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. Explain the various stages in system development lifecycle.
23. Explain about Flowchart and Hipo charts.
24. Explain about different Fact analysis techniques.
25. Define and describe bottom up and top down development and testing of computer program.

(2×15=30)

