QP CODE: 21102126

Reg No   :   ....

Name   :   ....

B.Sc DEGREE (CBCS)EXAMINATION, AUGUST 2021

Third Semester

B.Sc Computer Science Model III

CORE COURSE - CC3CRT02 - SYSTEM ANALYSIS AND DESIGN

2017 Admission Onwards

AC49E5D8

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. What do you mean by SDLC?

2. Define goal and Objectives.

3. Define Open style and Boxed style forms.

4. What is data structure?

5. Define Fact analysis technique.

6. What are the two criteria for identifying the characteristics of the candidate system?

7. What is a structured walkthrough?

8. What is physical design?

9. What is structured programming?

10. What is the purpose of the development phase review?

11. Define operation phase.

12. What is the changeover crisis?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

Turn Over

13. Explain about different Information system levels.

14. Explain the role of System analyst.

15. What are the Symbols related to Systems?

16. Explain about Information service request.

17. Explain the relationship between a logical record and a physical record.

18. What is the content of the design phase report?

19. Explain implementation planning.

20. What are the principal reference manuals?Describe the content of each.

21. What are the differences between modification, change and maintenanace?

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Discuss the concepts of MIS and DSS. HOW are they related? How do they differ?

23. What are Identification codes? Explain different types of codes.

24. Explain different fact finding techniques.

25. Define and describe bottom up and top down development and testing of computer program.

(2×15=30)