B. Sc. DEGREE END SEMESTER EXAMINATION OCTOBER 2017

SEMESTER – 3: B. Sc COMPUTER APPLICATION (CORE COURSE)

COURSE : **15U3CRCAP07; SYSTEM ANALYSIS AND DESIGN**

For Regular (2016 Admission) & Supplementary / Improvement (2015 Admission)

Time: Three Hours   Max Marks: 75

PART A
Answer **all** questions. Each question carries **1** mark.

1.   What is a feed back?

2.   What is a business system?

3.   Define an ID code?

4.   Expand PERT

5.   What is the use of a flowchart?

6.   Which chart is best suitable to show movements?

7.   What is a goal?

8.   Expand HIPO?

9.   What is performance specification?

10. What is a prototype?   (1 x 10 = 10)

PART B
Answer any **eight** questions. Each question carries **2** marks.

11.   What is a project directive?

12.   What are the basic symbols of a flowchart?

13.   What is a structured programming?

14.   What are the guidelines of an interview?

15.   What is a baseline specification?

16.   What is the purpose of feasibility study?

17.   What are the principles of a form design?

18.   What is bottom up programming?

19.   Explain the water fall model?

20.   Explain the cost benefit analysis?

                                                                                                        (2 x 8 = 16)

PART C
Answer **any five** questions. Each question carries 5 marks.

21. Explain the role of system analyst?

22. Explain the different levels of an information system?

23. Explain the different types of a form?

24. Explain the use of a decision table with diagram and example?

25. Explain the use of an ID code and any 2 of its types.

26. Explain the different fact finding techniques?

27. Explain training and the different trainings?

(5 x 5 = 25)

PART D
Answer **any two** questions. Each question carries 12 marks

28. Explain the System Development Life Cycle with diagram?

29. What is the purpose of a DFD? Steps in development of a DFD? Explain its levels with an example diagram?

30. Explain the steps in Feasibility analysis?

31. What are the activities of a development phase?

(12 x 2 = 24)

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