



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examination (December 2019)

School: School of Engineering

Program: BTECH CTIS/ MACT

Course: System Analysis and Design

Course Code: CSC 242

Semester: III

Max Marks: 30

Duration (mins): 60 Min

Note- 1. Figures to the right indicates full marks

2. Attempt any three questions.

- Q1) a) Compare Cohesion and Coupling. (5)
b) Describe Spiral model along with diagram and its advantages and disadvantages. (5)
- Q2) a) Define white box testing and black box testing. (2)
b) List and explain levels, symbols used in Data Flow diagram with example. (8)
- Q3) a) Define SRS and list out the characteristics of SRS. (2)
b) Define Aggregation and Composition with respect to Class diagram. (2)
c) Explain & draw appropriate diagram of various phases of Software Development Life Cycle. (6)
- Q4) a) Differentiate between Functional and Non Functional requirements. (5)
b) What is Iterative enhancement model? List its advantages and disadvantages. Why does it differ from Waterfall model? (5)
- Q5) a) Define UML and classify various types of diagrams. (2)
b) Compare between verification and validation. (8)

*****ALL THE BEST*****