B.Tech. Degree V Semester Supplementary Examination November 2020/April 2021

CS 15-1503 OBJECT ORIENTED SOFTWARE ENGINEERING
(2015 Scheme)

Time: 3 Hours

Maximum Marks: 60

PART A
(Answer ALL questions)

(10 × 2 = 20)

I. (a) Explain the pros of prototyping model?
    (b) Explain object model and its various notions?
    (c) Describe the various types of high level designs?
    (d) Explain any two design heuristics in detail?
    (e) Explain any one black box testing with examples?
    (f) Write short notes on ISO 9000?
    (g) Write a note on CASE workbenches?
    (h) What are the various activities and issues with planning?
    (i) Write short notes on CASE life cycle?
    (j) Write a note on BASIC COCOMO?

PART B

(4 × 10 = 40)

II. (a) Compare and contrast in detail prototyping with agile model.   (7)
     (b) Prepare SRS for a student information system. Make your own   (3)
         assumptions.

OR

III. (a) Explain the process of object oriented analysis in detail.   (5)
     (b) Show the object oriented analysis of a credit card transaction processing   (5)
         system. Make your assumptions clear.

IV. Explain any two Cohesion and any two coupling techniques with   (10)
     examples.

OR

V.   Explain any two types of design frameworks with examples. How is it   (10)
     different from design patterns?

VI. Write short notes on:

     (a) White box testing
     (b) System testing   (4)
     (c) CMM   (3)
                (3)

OR

(P.T.O.)

BTS-V(S)-(11.20/04.21)-1658

VII.	(a)	Distinguish between reviews and audits.	(5)
	(b)	Explain software quality metrix.	(5)

VIII.   Explain in detail the directing and controlling functions of management   (10)
clearly explaining the activities and issues associated with each of them?

OR

IX.   Write short notes on:

	(a)	Software project scheduling.	(5)
	(b)	WBS.	(5)

***