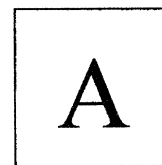


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B.Tech. Degree V Semester Examination November 2017

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

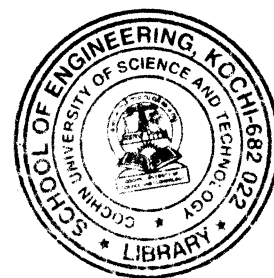
Time : 3 Hours

Maximum Marks : 60

PART A (Answer **ALL** questions)

(10 × 2 = 20)

- I. (a) Explain what the problems are that would occur if no life cycle model is followed.
- (b) What are the main parts of an SRS document?
- (c) State the salient features of an object-oriented design approach.
- (d) Discuss different types of views captured by UML diagrams.
- (e) Define software coupling.
- (f) What are the main quality factors of a software product?
- (g) Discuss how to conduct SQA activities.
- (h) Discuss the main quality standards.
- (i) What are the main skills required in order to perform software project management?
- (j) Identify the shortcomings of function point (FP) metric.



PART B

(4 × 10 = 40)

- II. Explain Agile development model with its pros and cons.
- OR**
- III. Briefly explain the software life cycle and any two models.
- IV. Classify the different types of cohesion that a module may possess.
- OR**
- V. Explain the design frameworks and patterns in object oriented systems.
- VI. Explain briefly the different types of testing methods adopted during software development.
- OR**
- VII. What is software quality? Discuss how to assure the quality of a software product.
- VIII. With COCOMO model explain how to estimate the cost of a software project.
- OR**
- IX. Briefly explain the various phases of project management.
