

CLASS: MCA

15A / 237

St. JOSEPH'S COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI – 620 002

SEMESTER EXAMINATIONS – APRIL 2015

TIME: 2 Hrs. 20 min.

MAXIMUM MARKS: 70

SEM	SET	PAPER CODE	TITLE OF THE PAPER
II	2014	14PCA2111	SOFTWARE ENGINEERING

SECTION – B

Answer all the questions:

5 x 5= 25

31. a. Explain the various categories of computer software.

OR

b. Describe the software process framework in detail.

32. a. What is the main objective of building the analysis model?
Explain any two elements of the analysis model.

OR

b. Elaborate the concepts of Data modeling process.

33. a. Illustrate the various types of Architectural styles.

OR

b. List and explain the golden rules for Interface design.

34. a. Portrait the strategies of debugging process.

OR

b. Why Black-Box testing is required? Explain any two its methods.

35. a. Explicate the three major categories of software engineering resources.

OR

b. Elucidate the concept of COCOMO model in detail.

SECTION – C

Answer any THREE questions:

3 x 15 = 45

36. Illustrate any two Evolutionary Process models in detail.
37. Briefly explain the various Requirement Engineering processes.
38. Elaborate the fundamental software design concepts.
39. What test strategies are used in conventional software? Discuss them.
40. Give a brief account on Formal Technical Review.
