



ACE Engineering College

(An Autonomous Institution)

Question Paper Code:

CS417PC

ACE-R20

Semester End Examination II B. Tech- II Semester- AUGUST -2022 SOFTWARE ENGINEERING

Common to CSM, CSD

Time: 3 Hours

Max. Marks: 70

H. T. No

Answer any 5 Questions out of 8 Questions from the following

Q.No	Question	Marks
1. a)	List out and describe the different software myths in detail.	7
b)	Explain various levels of Capability Maturity Model Integration (CMMI) with a neat sketch.	7
2. a)	Illustrate the approach followed for implementing the Waterfall model.	7
b)	Analyze the activities performed in various phases of the unified process.	7
3. a)	Differentiate functional and non-functional requirements with examples.	7
b)	Examine the mechanism for requirement elicitation and analysis.	7
4. a)	Interpret the steps involved in creating a behavioral model.	7
b)	Outline the information available within the software requirements document.	7
5. a)	Draw and explain the use case model that depicts the context of credit card validation system.	7
b)	Demonstrate the procedure for creating an architectural design.	7
6. a)	Differentiate black box testing and white box testing with suitable examples.	7
b)	Name and describe the various metrics used for the analysis model.	7
7. a)	Diagnose various test strategies used for the conventional software.	7
b)	Distinguish software measurements and software metrics with examples.	7
8. a)	Inspect the guidelines to be followed for formal technical review.	7
b)	Elucidate the different types of risks which occur in software development.	7