

Code No: P18CST07

R18

HALL TICKET NUMBER

--	--	--	--	--	--	--	--	--	--

PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE
(AUTONOMOUS)

II B.TECH I SEMESTER END SUPPLEMENTARY EXAMINATIONS, JAN - 2023
SOFTWARE ENGINEERING
(Common to CSE(IOTCSBT),AIDS,AIML Branches)

Time: 3 hours

Max. Marks: 60

Note: Question Paper consists of Two parts (Part-A and Part-B)

PART-A

Answer all the questions in Part-A (5X2=10M)

Q.No.	Questions	Marks	CO	KL
1	a) List the software application domains	[2M]	1	3
	b) Write the categories of customer requirements	[2M]	2	2
	c) What are various types of widgets?	[2M]	3	4
	d) Define debugging	[2M]	4	1
	e) What is SQA	[2M]	5	2

PART-B

Answer One Question from each UNIT (5X10=50M)

Q.No.	Questions	Marks	CO	KL
UNIT-I				
2.	What are the advantages and disadvantages of Waterfall Model for software development	[10M]	1	
OR				
3.	Analyze the specialized process models with merits and demerits	[10M]	1	
UNIT-II				
4.	a) Explain requirements gathering and analysis	[5M]	2	
	b) How to characterize a good software design? Explain	[5M]	2	
OR				
5.	Explain the different approaches to software design	[10M]	2	
UNIT-III				
6.	a) Explain in detail about structured analysis	[5M]	3	
	b) Explain in detail about data flow diagrams with examples	[5M]	3	
OR				
7.	a) Explain the characteristics of good user interface design?	[5M]	3	
	b) Explain the different types of user interfaces	[5M]	3	
UNIT-IV				
8.	Discuss about various types of system testing and testing strategies of object oriented software.	[10M]	4	
OR				
9.	Explain unit testing and integration testing with example	[10M]	4	
UNIT-V				
10.	a) Explain the SEI Capability Maturity Model	[5M]	5	
	b) Discuss about software reliability	[5M]	5	
OR				
11.	Explain in detail about software maintenance process models	[10M]	5	
