Sanjay Ghodawat University, Kolhapur
Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

2018-19
EXM/P/09/01

Year and Program: 2018-19 F.Y. M. Tech.	School of Technology	Department of Electronics Engineering
Course Code: EES504	Course Title: Embedded Systems Software	Semester – II
Day and Date: Wednesday 22/05/2019	End Semester Examination (ESE)	Time:2:30 to 5:30 pm Max Marks: 100

Instructions for Students: 1) All questions are compulsory.
2) Assume suitable data wherever necessary.
3) Figures to the right indicate full marks.

			Marks	Bloom's Level	COs
Q1		Attempt the following			
	a)	Explain Pointers Structures and Union with syntax and examples.	07	L2	CO1
	b)	Explain Linked list.	07	L2	CO1
		OR			
	b)	Explain function call by value and call by reference.	07	L2	CO1
Q2		Attempt the following			
	a)	What is thread? Explain function scheduling..	07	L3	CO2
		OR			
	a)	What do you mean by parameter passing by value and passing by reference in 'C'	07	L3	CO2
	b)	Distinguish between linked and inline assembly.	07	L4	CO2
Q3		Attempt any two of the following			
	a)	What are the steps of object oriented Analysis and design?	06	L4	CO3
	b)	Draw data flow diagram for library software.	06	L3	CO3
	c)	What do you mean by UML? What are the UML building blocks- Define and Explain.	06	L3	CO4
Q4		Attempt any two of the following			
	a)	Justify UML notations in detail.	09	L6	CO5
	b)	Explain any four UML diagrams.	09	L2	CO5
	c)	Construct different UML modeling types and explain UML architecture.	09	L5	CO5
Q5		Attempt any two of the following			
	a)	How task building process takes place for OS and ES.	09	L3	CO6
	b)	Classify different types of debugging techniques.	09	L4	CO6
	c)	How kernels are used for new configuration?	09	L3	CO6

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Q6 Write Short notes on (Any 3)

a)	Differentiate between Activity Diagrams	08	L4	CO5
b)	What are State Chart Diagrams?	08	L3	CO5
c)	Explain Runtime library	08	L2	CO6
d)	How to improve Compilation process	08	L5	CO6

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