

## SRM Institute of Science and Technology College of Engineering and Technology School of Computing

Mode of Exam **OFFLINE** 

## DEPARTMENT OF COMPUTING TECHNOLOGIES

SRM Nagar, Kattankulathur – 603203, Chengalpattu District, Tamil Nadu

Academic Year: 2024 - 2025 - Odd Semester

Test: CLAT3

Batch 2 – Set D

Course Code & Title: 21GNH101J Philosophy of Engineering
Year & Sem: I Year & I Sem

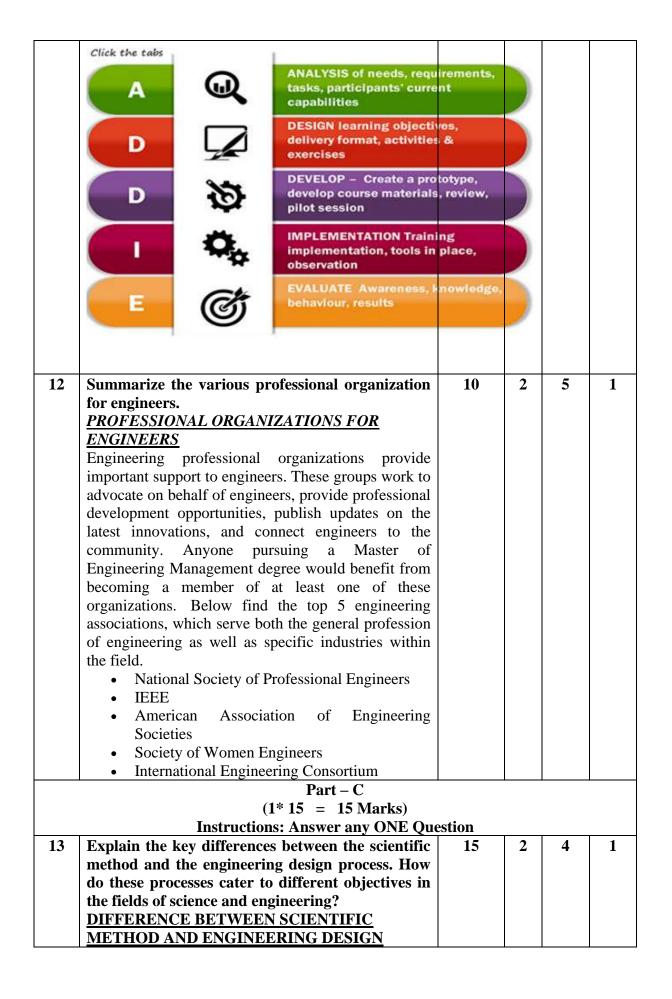
Date: 11.12.2024

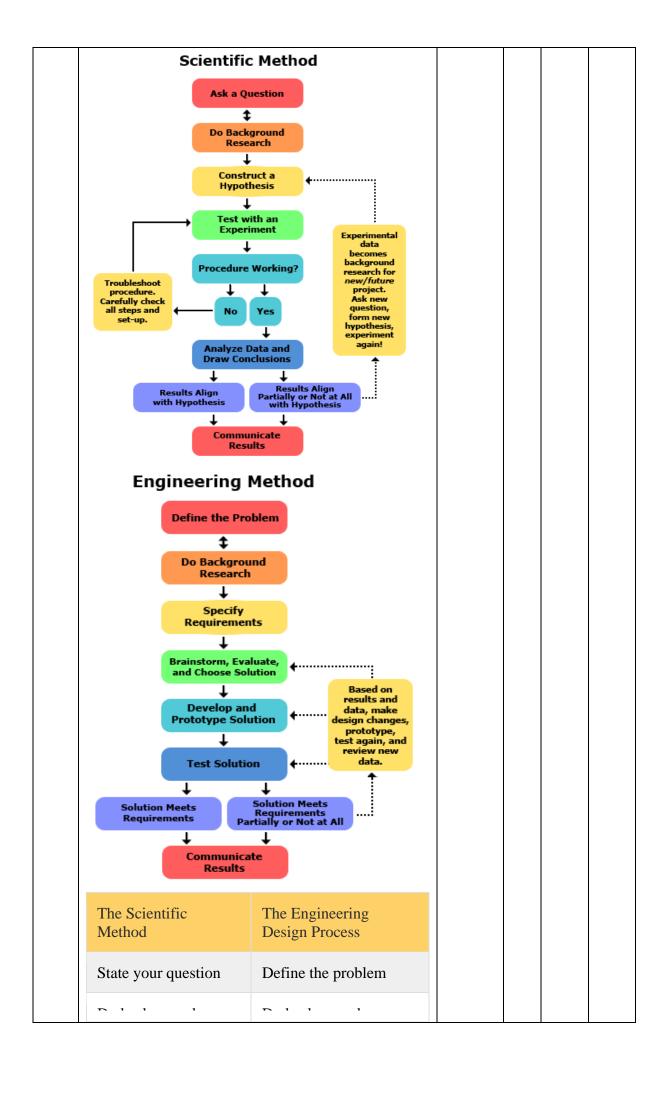
Duration: 60 min
Max. Marks: 35

**Registration Number:** 

	Part – A								
	(10*1 = 10 Marks)								
Instructions: Answer all the Questions									
Q.	Question	Marks	BL	CO	PO				
No									
1	Which step comes after evaluating prototypes and		1	_					
	gathering feedback?	1	4	1					
	a) Finalizing the design								
	b) Implementing and production								
	c) Monitoring and improving								
	d) Researching and gathering information	1	4		4				
2	What is the purpose of defining design criteria in the	1	1	4	1				
	engineering design process?								
	a) To create prototypes								
	b) To brainstorm ideas  a) To establish requirements for the final								
	c) To establish requirements for the final design								
	d) To evaluate and refine designs								
3	What is a key principle of the methodology of								
3	engineering?		1	4	3				
	a) Adherence to strict regulations	1	_	-					
	b) Creativity and innovation								
	c) Speed of execution								
	d) Profit maximization								
4	During which phase of the ADDIE model are	1	1	4	4				
	instructional materials and activities created?								
	a) Analysis								
	b) Design								
	c) Development								
	d) Implementation								
5	What does "scalability" refer to in system	1	1	4	1				
	architecture?								
	a) The color scheme of the system								
	b) The ability of handle increased traffic or								
	growth								
	c) The security of the system								
	d) The deployment process								
6	Ethics is measured by the concept of	1	2	5	1				
	a) Sustainability								
	b) Diversity								
	c) Equity	1							

1	d) Social license				
7	,	1	2	5	1
,	& &	1	4	5	1
	technical professional organization.				
	a) National Society Professional Engineers				
	b) IEEE				
	c) American association engineering societies				
	d) Society of women engineers				
8	Design as is more affiliated with	1	1	5	1
	management of a wide range of fields from business				
	to military and from hospitals to academy.				
	a) Engineering				
	b) Epistemology				
	c) Planning				
	d) Activity				
9		1	2	5	1
9	is the most discussed aspect of	1	<u> </u>	5	1
	sustainability.				
	a) Environment				
	b) Economic				
	c) Ethical				
	d) Equity				
10	The core concept of 3Es focusses on	1	2	5	6
	a) Technology				
	b) Assets				
	c) Work				
Ī					
	,				
	d) Equity				
	d) Equity Part – B				
	d) Equity  Part – B  (1* 10 = 10 Marks)	estion			
0.	d) Equity  Part – B  (1* 10 = 10 Marks)  Instructions: Answer any ONE Que		RL	CO	PO
Q.	d) Equity  Part – B  (1* 10 = 10 Marks)	estion Marks	BL	СО	PO
No	d) Equity  Part – B  (1* 10 = 10 Marks)  Instructions: Answer any ONE Question	Marks			
	d) Equity  Part – B  (1* 10 = 10 Marks)  Instructions: Answer any ONE Que  Question  Explain in detail on how Addie model is useful for		BL 1	CO 4	PO 1
No	d) Equity  Part – B  (1* 10 = 10 Marks)  Instructions: Answer any ONE Question  Explain in detail on how Addie model is useful for building training support tools.	Marks			
No	d) Equity  Part – B  (1* 10 = 10 Marks)  Instructions: Answer any ONE Question  Question  Explain in detail on how Addie model is useful for building training support tools.  Solution	Marks			
No	d) Equity  Part – B  (1* 10 = 10 Marks)  Instructions: Answer any ONE Que  Question  Explain in detail on how Addie model is useful for building training support tools.  Solution  The ADDIE model is the generic process	Marks			
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research	research			
Formulate your hypothesis, identify variables	Specify requirements			
Design experiment, establish procedure	Create alternative solutions, choose the best one and develop it			
Test your hypothesis by doing an experiment	Build a prototype			
Analyze your results and draw conclusions	Test and redesign as necessary			
Communicate results	Communicate results			
be local and impacts of their long-lasting • have an under social and cultu own normal com • understand the sustainable devel • recognize the project on communities  Environment of the sustainable devel • recognize the project on communities  Environment of the sustainable devel • recognize the project on communities	O ACHIEVE			

such	as	poverty,	under-development	and		
environmental degradation.						

## Course Outcome (CO) and Bloom's level (BL) Coverage in Questions

