Printed	Page:-	Subject Code:- ACSE0303	
		Roll. No:	
	NOIDA INSTITUTE OF ENGINEERING	AND TECHNOLOGY, GREATER NOIDA	
	(An Autonomous Institute A	affiliated to AKTU, Lucknow)	
	В.Т	ech	
	SEM: III - CARRY OVER THEORY	EXAMINATION - AUGUST 2023	
		gn Thinking-I	
	3 Hours	Max. Marks:	100
	Instructions:		
		aper with the correct course, code, branch etc.	_:
	• • •	tions -A, B, & C. It consists of Multiple Ch	oice
	s (MCQ's) & Subjective type questions. num marks for each question are indicate	d on right, hand side of each question	
	ate your answers with neat sketches wher		
	e suitable data if necessary.	ever necessary.	
	ably, write the answers in sequential orde	or.	
•		en material after a blank sheet will not	be
	d/checked.		
	SECTIO	N A	20
1 Atten	npt all parts:-		
		urrent students are the main users of the	1
1-a.		urrent students are the main users of the nents should definitely be on the website?	1
	(CO1)	ients should definitely be on the website:	
	(a) College rules and regulation	-	
	(b) Information on faculty mem	pers	
	(c) Information about courses		
	(d) Alumni details		
1-b.	Design Thinking is: (CO1)		1
	(a) Thinking about design		
	(b) Designing ways in which pe	ople think	
	(c) Asking users to solve proble	ms	
	(d) Defining, framing and solvir	g problems from users' perspectives	
1-c.	Which one is not a quality of good int	erviewer(CO2)	1

(a) Observant

	(b) Curious	
	(c) Good Listener	
	(d) Arrogant	
1-d.	Value important for relation ship is(CO2)	1
	(a) Integrity and character	
	(b) Arrogance	
	(c) Competition	
	(d) Aggresion	
1-e.	Oliver is pursuing a study that explores whether sleep affects academic performance. This is an example of: (CO3)	1
	(a) a hypothesis	
	(b) a qualitative research question	
	(c) a theory	
	(d) a method	
1-f.	If you can keep things at work in order and have a neat workplace, then you have great(CO3)	1
	(a) Loyalty	
	(b) Organizational Skills	
	(c) Productivity	
	(d) Respect	
1-g.	Some common premise indicator words are because, since, and given that. (CO4) (a) TRUE (b) FALSE	1
1-h.	According to the text, critical thinking complement is (CO4)	1
	(a) Our prejudices	
	(b) Our emotions	
	(c) Peer pressure	
	(d) Our unconscious desires	
1-i.	The statements (reasons) given in support of another statement are called (CO5)	1
	(a) An argument	
	(b) The conclusion	

	(c) The premises	
	(d) The complement	
1-j.	Fallacies can be psychologically persuasive even though they are(CO5)	1
	(a) Psychologically impotent	
	(b) Logically flawed	
	(c) Deductively valid	
	(d) Inductively valid	
2. Atten	npt all parts:-	
2.a.	Imagine yourself Education Minister of India and propose a solution to expose and help grow unique and untapping talents of children in rural India. (CO1)	2
2.b.	Define the material culture.(CO2)	2
2.c.	What do you understand with POV tool? (CO3)	2
2.d.	Differentiate between Implicit Conclusion and Implicit premises. (CO4)	2
2.e.	What do you understand by the term Claim? (CO5)	2
	SECTION B	30
3. Answ	ver any <u>five</u> of the following:-	
3-a.	What is the difference between 'Design the Thinking' and 'Thinking the Design" (CO1)	6
3-b.	Discuss the significance of Observation in design thinking? Explain different types of Observers. (CO1)	6
3-c.	What do you mean by brainstorming and explain any ten Do's and Don't's of brainstorming.(CO2)	6
3-d.	Explain the concept of empathy mapping. Also discuss about the pains in empathy map? (CO2)	6
3.e.	Define ideation stage of Design Thinking. Explain any two tools used for ideation with suitable examples. (CO3)	6
3.f.	How you can become a better critical thinker. Explain it with suitable example. (CO4)	6
3.g.	In the sphere of critical thinking, elaborate some of the consequences of self-interested thinking? (CO5)	6
	SECTION C	50
4. Answ	ver any <u>one</u> of the following:-	
4-a.	Define immersion. Elaborate the statement "Focus on the subject not the	10

	we" statements in design thinking. (CO1)			
5. Answe	er any <u>one</u> of the following:-			
5-a.	Explain the ethical development model with suitable example.(CO2)			
5-b.	Define culture. Give your opinion about the family culture affecting the culture of the society.(CO2)	10		
6. Answe	er any <u>one</u> of the following:-			
6-a.	How does design thinking contribute to the implementation of innovations? (CO3)	10		
6-b.	There is a technical conference going to be held at your college. A very nice display is to be put on at entrance incorporating important features. Apply design thinking process for this. (CO3)	10		
7. Answer any <u>one</u> of the following:-				
7-a.	What is critical thinking?In what way is critical thinking systematic?What does it	10		
	mean to say that critical thinking operates according to rational standards?(CO4)			
7-b.	Define the term tribalism and explain any two examples related to Tribalism. (CO4)	10		
8. Answer any <u>one</u> of the following:-				
8-a.	Enlist the components of argument. Also explain argument diagram with the help of suitable example. (CO5)	10		
8-b.	Define logical reasoning and differentiate between deductive and inductive reasoning. (CO5)	10		

Explain five steps of design thinking. Discuss the significance of "How might

10

object" with suitable examples. (CO1)

4-b.