Printed Page:-03		-	Subject Code:- BCSE0203 Roll. No:						
NO	IDA	A INSTITUTE OF ENGINEERING AND	TECHNOI	LOGY,	GRI	EAT	ER N	10I	DA
		(An Autonomous Institute Affiliate							
		B.Tech							
		SEM: II - THEORY EXAMINA	,	024- 20)25)				
Tim	2	Subject: Design Th 2 Hours	inking-I			1/1	[av.]	/Low	ks: 50
		Instructions:				IVI	lax. I	/Iar	KS: 5U
		rify that you have received the question paper	with the co	rrect co	ourse.	coa	le. bri	anci	h etc.
		uestion paper comprises of three Sections -A,							
	_	s (MCQ's) & Subjective type questions.	,		v	•			
2. <i>Ma</i> .	ximu	um marks for each question are indicated on	right -hand	side of	each	que	stion.		
		te your answers with neat sketches wherever	necessary.						
		e suitable data if necessary.							
		ably, write the answers in sequential order.	ftan a blanl	r ale e et s	:11	at b			
		et should be left blank. Any written material a //checked.	jier a biani	i sneei	viii n	oi ve	2		
evaim	ii Cu/ (reneeneu.							
SECT	ION	<u>N-A</u>			5				15
1. Atte	empt	ot all parts:-							
1-a.	-	enables one to step above the k	nowledge c	luster p	lane.	(CC	01, K	1)	1
	(a)			r		(,	,	
	(b)		1						
	(c)) >						
	(d)	_							
1-b.	` ′	Which one is a Secondary Source of informa	tion? (CO2	V 1)					1
1-0.			uon: (CO2	, K1)					1
	(a)								
	(b)								
	(c)								
	(d)) Interview							
1-c.	_	are fictional characters, which yo		-	•				ı 1
		order to represent the different user types tha	t might use	your se	rvice	, pro	oduct,	,	
		site, or brand in a similar way. (CO3, K1)							
	(a)	•							
	(b)	,							
	(c)								
	(d)) Personas							
1-d.		Preferring the choice that provides certainty of alternative with more risk and greater potential			-				?

	((CO4, K1)	
	(a)	Zero-risk Bias	
	(b)	Ingroup Preference Bias	
	(c)	Confirmation Bias	
	(d)	Anchoring Bias	
1-e.		volution is wrong because my grandfather was not a monkey. Which fallacy cample does this refer? (CO5, K1)	1
	(a)	Post hoc	
	(b)	False analogy	
	(c)	False dilemma	
	(d)	Straw man	
2. Att	empt a	all parts:-	
2.a.	Sı	ummarize the patterns and anti-patterns with example? (CO1, K2)	2
2.b.		ompare between intention and competence with example of your best iend.(CO2, K2, K3)	2
2.c.		pply Edward De Bono's "Red hat" on Operation Sindoor by Indian Army? (CO3, 3)	2
2.d.		That is meant by recognizing incongruences? Analyze the situation when you feel (CO4, K2, K4)	2
2.e.	W	That is a deductive argument? (CO5, K1)	2
SECT	TION-	<u>B</u>	15
3. An	swer a	ny three of the following:-	
3-a.		That are the steps involved in the design thinking? Explain the process of Design inking. (CO1, K1)	5
3-b.	W	That are 9 feelings in relationship? Explain in brief (CO2, K2)	5
3.c.		xplain Edward De Bono's six thinking hats. Apply them to analyze use of "AI nabled Autonomous Drones in war". (CO3, K3)	5
3.d.		nalyze the case studies involved in critical thinking. Summarize any one case udy discussed in class. (CO4, K2)	5
3.e.		ifferentiate between the following: (1) Deductive and Inductive Argument (2) nplicit premises and Implicit conclusion (CO5, K2)	5
SEC1	TION-	$\mathbf{\underline{C}}$	20
4. An	swer a	ny <u>one</u> of the following:-	
1-a.	E	laborate capacity levers. How they effect the person? (CO1, K2)	۷
4-b.	W	That do you understand the Wicked Problem? Apply design thinking solve any ich problem? (CO1, K3)	4
5. An	swer a	ny <u>one</u> of the following:-	
5-a.	M	Take a persona of your father deciding NIET as your college. (CO2, K5)	_

5-b.	Define CATWOE Analysis. Apply CATWOE analysis for our college. (CO2, K3)	4
6. Answe	r any one of the following:-	
6-a.	What do you understand with Ideation Stage of Design Thinking. Explain Brainstorming tool with example. (CO3, K2)	4
6-b.	What is 5 Why tool? How it helps in root cause finding. (CO3, K2)	4
7. Answe	r any one of the following:-	
7-a.	What are cognitive biases? Elaborate Halo Effect and Choice Supportive Biases with example. (CO4, K3)	4
7-b.	Demonstrate tribalism and give any example related to it. How it is handled by critical thinking? (CO4, K3)	4
8. Answe	r any <u>one</u> of the following:-	
8-a.	Demonstrate Argument with validation diagram. (CO5, K2)	4
8-b.	Explain the following logical fallacies with example: a) Ad hominem b) Slippery slope. (CO5, K2)	4

