Total No	. of Questions :10]	SEAT No. :
P3639	[5560]-595	[Total No. of Pages :2
	T.E. (Information Technol HUMAN-COMPUTER INTERACT	ION (End Sem.)
	(2015 Course) (Semester-I) (314445)
	A Hours] ons to the candidates: Answer Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8 Neat diagrams must be drawn wherever necessary. Figures to the right side indicate full marks. Assume suitable data, if necessary.	
Q1) a)	Explain different User Centered Design Prin	nciples? [6]
b)	Explain Shneiderman's Eight Golden Rules	of Interface Design? [4]
	OR	
Q2) a)	What are the Norman's Seven Principles for into Simple Ones?	Transforming Difficult Tasks
b)	What is reasoning? Discuss with example Reasoning.	Inductive versus Deductive [4]
Q3) a)	The human eye has number of limitations. of the limitations identified, describe how account in the design of indivisible interfac	this should be taken into an
b)	What can a system designer do to minim user?	ize the memory load of the [4]
	OR	
Q4) a)	Discuss RAM and short-term memory(STI	M) [5]

b) Explain significance of sensory memory in interface design? [5]

- Q5) a) Describe briefly four different interactions styles used to accommodate the dialog between user and computer, Specify advantages and disadvantages of each interaction style?[8]
 - b) What is a prototype? Explain different types of rapid prototypingtechniques.

OR

P.T.O.

Q6)	a)	Write short note on process on Interaction design with respect to follow points:		
		i)	Basic activities	
		ii)	Characteristics.	
	b)	Writ	e a scenario for Music player design?	[8]
Q7)	a)	Desc	cribe any four usability goals of Internet Explorer.	[8]
	b)) Explain the following terms.		[8]
		i)	Predictability	
		ii)	Synthesizability	
		iii)	Familiarity	
		iv)	Consistency	
			OR	
Q8)	a)			[8]
	b)			[8]
Q9)	a)			t is [9]
	b)			[9]
			OR	
Q10,) a)		uss the steps involved in estimating task execution time using KLM. Han use KLM to compare competing designs?	ow [9]
	b)	Use a state diagram to describe the dialogue between the system and the user. Note any additional issues this raises about the system that need to be resolved in the design.		



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