

# CBCS SCHEME

22MCA254



**Second Semester MCA Degree Examination, June/July 2023**  
**User Interface Design**

Max. Marks: 100

*Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.  
2. M : Marks , L: Bloom's level , C: Course outcomes.*

Module – 1			M	L	C
Q.1	a.	Explain briefly usability motivation of UID.	10	L2	CO1
	b.	Describe the goals of UID profession.	10	L2	CO1
<b>OR</b>					
Q.2	a.	Write in detail about universal usability.	10	L2	CO1
	b.	What are the eight golden rules of interface design? Explain.	10	L2	CO1
<b>Module – 2</b>					
Q.3	a.	Describe the four pillars of UID.	10	L2	CO2
	b.	Explain the following : i) Ethnographic observation ii) Participatory Design	10	L2	CO2
<b>OR</b>					
Q.4	a.	Describe the social impact for early design review. Also list the legal issues faced by UID.	10	L2	CO2
	b.	Explain the steps of development methodologies.	10	L2	CO2
<b>Module – 3</b>					
Q.5	a.	Discuss the varieties of expert view methods. Explain briefly.	10	L2	CO3
	b.	Explain the methods used in the evaluation during active use.	10	L2	CO3
<b>OR</b>					
Q.6	a.	Explain the various types of usability testing.	10	L2	CO3
	b.	List the different survey instruments used in UID and also briefly explain them.	10	L2	CO3
<b>Module – 4</b>					
Q.7	a.	What is direct manipulation? Explain the advantages of WYSIWYG word processor.	10	L2	CO4
	b.	Discuss the problems with direct manipulation.	10	L2	CO4
<b>OR</b>					
Q.8	a.	Briefly explain the guidelines for form fill-in design.	10	L2	CO4
	b.	What is content organization? Explain various reviews the content organization issues and guidelines for design.	10	L2	CO4
<b>Module – 5</b>					
Q.9	a.	Describe the following terms: i) Abbreviation strategies ii) Guidelines for using abbreviation	10	L2	CO5
	b.	Define pointing device. Explain pointing tasks and direct control pointing device.	10	L2	CO5
<b>OR</b>					
Q.10	a.	Mention the different methods used in speech and auditory interfaces and also briefly explain them.	10	L2	CO5
	b.	Explain small and large scale displays.	10	L2	CO5

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