CBCS SCHEME

USN | | | | | | | | | |

22MCA254

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

Time: 3 hrs.

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.

			M	L	C
Module – 1					
Q.1	a.	Explain briefly usability motivation of UID.	10	L2	CO1
	b.	Describe the goals of UID profession.	10	L2	CO1
OR					
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
Module – 2					
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
OR					
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
Module – 3					
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
OR					
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
Module – 4					
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
OR					
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
Module – 5					
Q.9	a.	Describe the following terms: i) Abbrevation strategies ii) Guidelines for using abbrevation	10	L2	CO5
	b.	Define pointing device. Explain pointing tasks and direct control pointing device.	10	L2	CO5
OR					
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

* * * * *