

**BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

I – MCA II - Semester Regular/Supplementary Examinations (BR23), June/July - 2025

Human Computer Interaction (MCA)

Time: 3 hours

Max. Marks: 70

***Answer any Five Questions One Question for One UNIT
ALL the Question Carry Equal Marks***

UNIT-I		Marks	CO	BL
1.a)	What is meant by good user interface, discuss its importance?	7M	01	K2
b)	write and explain advantages from graphical user interface (GUI) system	7M	01	K3
OR				
2.a)	Describe Web Interface and discuss the GUI verses WEB design	7M	01	K2
b)	List and Explain General Principles of User Interface Design	7M	01	K3
UNIT-II		Marks	CO	BL
3.a)	Discuss various Important human Characteristics in design	7M	02	K2
b)	Explain in detail about determining basic business functions	7M	02	K3
OR				
4.a)	List and elaborate human interaction speeds	7M	02	K3
b)	List and briefly describe human consideration in design	7M	02	K2
UNIT-III		Marks	CO	BL
5.a)	Explain about screen navigation and flow	7M	03	K2
b)	What are technological considerations of interface design explain in detail	7M	03	K3
OR				
6.a)	Discuss in detail about visually pleasing composition	7M	03	K2
b)	Demonstrate Information Retrieval on Web	7M	03	K3
UNIT-IV		Marks	CO	BL
7.a)	List and Explain Various Components of Windows	7M	04	K2
b)	Differentiate between tiled and Overlapping window styles and also explain their merits and demerits	7M	04	K4
OR				
8.a)	Demonstrate device-based controls in detail	7M	04	K4
b)	Define Text Box and explain various types and fields of text boxes	7M	04	K2
UNIT-V		Marks	CO	BL
9.a)	Explain the following Interactive devices in detail		05	K2
	a) Keyboard	7M		
	b) Pointing Devices			
b)	Explain the following		05	K2
	a) Indirect pointing devices	7M		
	b) Speech recognition			
OR				
10.a)	Explain the following		05	K2
	a) Mobile device displays	7M		
	b) Speech and auditory interfaces			
b)	Describe the following concepts in detail		05	K2
	a) Display technology	7M		
	b) Drivers			
