PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF COMPUTER TECHNOLOGY
ACADEMIC SESSION: 2023- 2024 (ODD SEMESTER)

Assignment - I

Subject	**:**	Human Computer Interface (BTCT702T)	**Semester**	**:**	VII A / B
Subject Teachers	**:**	Ms. S. Tiwari / Mrs. P.Budhe	**Date of Display**	**:**	21/08/2023
Unit	**:**	I, II and III	**Date of Submission**		31/08/2023

CO1   Students will be able to describe the capabilities of both humans and computers.

CO2   Students will be able to demonstrate the interactive design basics and HCI software process.

CO3   Students will be able to identify the stake holder's requirements and choose the appropriate models.

QNo.		Questions	CO	BL
1.	a)	Discuss the model of the structure of human memory with diagrammatic illustration.	CO1	2
	b)	List and explain the stages of Norman's model of interaction.	CO1	2
2.	a)	Distinguish between short term & long term memory. State requirements to perform cognitive walkthrough of a system.	CO1	2
	b)	With diagrammatic illustration explain the model of the structure of human memory.	CO1	2
3.	a)	Describe the usability engineering in detail.	CO2	2
	b)	Elaborate the concept interaction design process.	CO2	2
4.	a)	Explain in detail about iterative design and prototyping.	CO2	2
	b)	Discuss about the activities in waterfall and of software life cycle.	CO2	2
5.	a)	Explain the Cognitive models & its classifications.	CO3	2
	b)	Consider the case of preparing a group presentation for a software project. Elaborate the stages in specifying and designing UI for the same.	CO3	3
6.	a)	Explain the concept of key stake level model.	CO3	2
	b)	Describe the Socio organization issues and stake holder Requirements.	CO3	2

Ms. S. Tiwari / Mrs. P. Budhe
(Subject Teachers)

Dr. (Mrs.) N. M. Thakare
(HOD, CT)