



**K. K. Wagh Institute of Engineering Education & Research, Nashik**  
(An Autonomous Institute From A.Y. 2022-23)

	SUMMER-2023		
	Exam Seat No.:		
	Academic Year:2022-2023	Semester:II	
	Name of Programme:MCA	Pattern:2022	
	Name of Course:UI/UX Design	Course Code:MCA222005	
	Max. Marks:60	Duration:2.30	

**Instructions:** Candidates should read carefully the instructions printed on the Question Paper and on the cover page of the Answer Book, which is provided for their use.

1. This question paper contains \_02\_page(s).
2. Answer to each new question is to be started on a new page.
3. Assume suitable data wherever required, but justify it.
4. Draw the neat labelled diagrams, wherever necessary.
5. The last columns indicates the Course Outcome and level of Blooms Taxonomy of the Question/sub-question

**Question No. 1 Attempt following Question**

- |     |  |     |     |
|-----|--|-----|-----|
| 1a) | What is Usability? Why and how usability contributes to practical measures of usability. | (3) | CO1 |
| 1b) | List out the Applications of UX design in details.                                       | (3) | CO1 |

**Question No. 2 Attempt following Question**

- |     |  |     |     |
|-----|--|-----|-----|
| 2a) | What is Usability? Why and how usability contributes to practical measures of usability. | (3) | CO4 |
| 2b) | Classify Expert Review and Methods of Expert Review.                                     | (3) | CO4 |

**Question No. 3 Attempt following Question..**

- 3a) Define Abbreviation. How would you use Six Potential Abbreviation Strategies in any application? (8) CO3

**OR**

- 3b) Illustrate how to develop system menus and navigation schemes- Structure of menus in the application. (8) CO3
- 3c) How would you use design user friendly interface using form fill-in and dialog boxes? (8) CO3

**OR**

- 3d) Differentiate between pull down menu and pop menu. (8) CO3

**Question No. 4 Attempt following Question**

- 4a) Relate the role of natural language processing to enhance the user interface? (8) CO3

**OR**

- 4b) Illustrate the element of windowing systems with suitable example. (8) CO3
- 4c) What do you know about Screen Based Controls? Write down any 3-control usage in details. (8) CO3

**OR**

- 4d) Write down difference between radio button and checkbox in UI design? (8) CO3

**Question No. 5 Attempt following Question**

- 5a) Justify the impact of societal and individual user interface in detail. (8) CO2

**OR**

- 5b) Elaborate variability in response time with real time example. (8) CO2
- 5c) Explain Quality of service with the help of example. (8) CO2

**OR**

- 5d) Write a short note on Balancing function Fashion. (8) CO2