

**PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR**  
 Department :- Computer Technology Semester :- VII Section :- A / B  
 Session:- 2023-2024 (ODD-SEM)  
 CAT- 2

Subject :- HCI  
 Duration : 1.5Hrs

Subject Code:- BTCT703T-3  
 Max Marks:- 35

QNo	1	Questions	M	CO	BL
I		Impressing moving icons in a system design can be A. appealing B. attractive C. distracting D.attentive	1	CO3	I
II		Subsystem of human machine processor that handles actions of system is called A. Cognitive System B. MotorSystem C. Perceptual Syste D.Autonomic System	1	CO3	I
III		What is meant by GOMS? Give an example	5	CO3	I
OR					
Q No	2				
i		Simple model of human interaction was proposed by A.Stuart K. Card B.Thomas P. Moran C.Allen Newell D.Card, Moran AndNewell	1	CO3	I
ii		A _____ can be added to your presentation and then used to go to a variety of locations ---- for example, a web address, an e-mail address, a custom show or document, just to name a few. A. Menu link B. Hyperlink C. Toollink D. Slide link	1	CO3	I
iii		Describe in detail about hypert text,Multimedia,WWW?	5	CO3	II
Q No	3				
i		Genetically different population with the same physical features is known as _____ A. Ecosystem B. Ecads C. Community D. Ecotype	1	CO4	I
ii		What is the parent class of all Activity widgets? A. ViewGroup B. Layout C. View D. Widget	1	CO4	I
iii		Explain about the Elements of Mobile Design	5	CO4	II
iv		Give detail description about Mobile EcoSystem:	7	CO4	II
OR					
Q.No	4				
i		Which of the following programming medium is used by MobileMe to create the appearance of a desktop application inside a browser? A. HTML B. DHTML C. JQuery D. All of the mentioned	1	CO4	I



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|-----|--|---|-----|----|
| ii  | Which of the following mobile platform support hundreds of thousands of third-party applications?<br>A.iPhone B.Symbian C.Windows Mobile Phone D.None of the mentioned | 1 | CO4 | I  |
| iii | Briefly explain about Mobile Application Medium Types.   | 5 | CO4 | II |
| iv  | What is Mobile Information Architecture ? Explain it with neat diagram.  | 7 | CO4 | I  |

Q.No 5

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|-----|--|---|-----|----|
| i   | What are the designing rich web interface.<br>A. Make it Direct B. Stay on the Page<br>C. Use Transitions D. All of the above        | 1 | CO5 | I  |
| ii  | Dragging the insertion bar while editing text on the iPhone is an example of<br>A.Drop lens B.Drag lens C.Drag object D. Drop object | 1 | CO5 | I  |
| iii | Explain in detail about various pattern that supports virtual pages .  | 5 | CO5 | II |
| iv  | Explain in detail about drag and drop operations?  | 7 | CO5 |    |

OR

Q.no 6

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|-----|--|---|-----|----|
| i   | Checkbox or control-based selection is,<br>A. Collected Selection B. Object Selection<br>C. Toggle Selection D. Hybrid Selection | 1 | CO5 | II |
| ii  | Selection that spans multiple pages is,<br>A. Collected Selection B. Object Selection<br>C. Toggle Selection D. Hybrid Selection | 1 | CO5 | II |
| iii | Describe in detail about overlay and its types   | 5 | CO5 | II |
| iv  | Demonstrate the process flow of web interface design.  | 7 | CO5 | II |