

Reg. No .....

**B C A DEGREE END SEMESTER EXAMINATION - MARCH 2026****SEMESTER 6 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY****COURSE : 19U6CRBCA17: INTRODUCTION TO MOBILE UI AND UX***(For Regular 2023 Admission and Supplementary 2022/2021/2020/2019/2018/2017/2016 Admissions)*

Time : Three Hours

Max. Marks: 75

**PART A****Answer All (1 mark each)**

1. Which are the major types of human memory?
2. What do you mean by sensory memory?
3. What is integration testing?
4. Give the features of wireframe.cc
5. What is validation?
6. What happens if you open the external CSS file in a browser?
7. Write an html code to implement select element.
8. Describe the length property of the window object.
9. Explain the use of lucidchart tool.
10. Explain the syntax of concat() of array() object.

**(1 x 10 = 10)****PART B****Answer any 8 (2 marks each)**

11. Give the potential abbreviation strategies in interaction.
12. Differentiate between short term and long term memory.
13. Explain the If statement in JavaScript with an example.
14. Explain about the human processor cognitive model.
15. How the knowledge based behavior leads to an error in UI? Give an example.
16. Describe about the process oriented design rationale.
17. List the steps to create a document in lucidchart.
18. Explain the comparison operators used in JavaScript.
19. Write an html code to implement the following table.

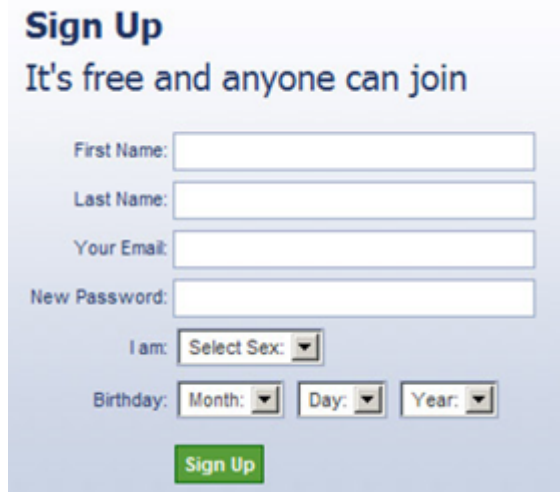
| Product ID | Product Name | Product Quality | Product Quantity |
|------------|--------------|-----------------|------------------|
| 1          | Wheat        | Good            | 200 Bags         |
| 2          | Rice         | Good            | 250 Bags         |
| 3          | Sugar        | Good            | 200 Bags         |

20. Differentiate between the virtual reality and augmented reality.

**(2 x 8 = 16)**

**PART C**  
**Answer any 5 (5 marks each)**

21. Explain about Object Oriented Modeling of UI design.
22. Describe the UX tools, pixate and sketch.
23. Describe any two UX tools for organizing information.
24. Write an html file to implement the following form.



**Sign Up**  
It's free and anyone can join

First Name:

Last Name:

Your Email:

New Password:

I am:

Birthday:

25. Explain briefly on Communication and Collaboration Model.
26. Differentiate between the slips and the mistakes in the UI.
27. Explain the Eight Golden Rules of Interface Design.

**(5 x 5 = 25)**

**PART D**  
**Answer any 2 (12 marks each)**

28. Explain different type of CSS used in HTML. Give suitable examples.
29. Explain the information processing model, human processor model and GOMS.
30. Describe about the various types of error that may happen in the UI.
31. Explain the different types of interaction styles.

**(12 x 2 = 24)**