GITAM (Deemed to be University)
GST/GSS/GSB/GSHSS Degree Examination
VII Semester
CSEN4091 : HUMAN COMPUTER INTERACTION

Time: 2 Hours   Max. Marks: 30

Instruction: All parts of the unit must be answered in one place only.

Section - A

1.   **Answer all questions**   (5x1=05)

a.   Examine the differences in functionality of raster scan and vector scan display devices.

b.   What are guidelines in the context of design?

c.   List one example of a socio-organizational issue.

d.   How would you apply the concept of Mobile 2.0 in designing a mobile app?

e.   Why is direct selection important in web interface design?

Section - B

Answer the following   (5x5=25)

UNIT - I

2.   Discuss the impact of early graphical user interfaces on modern screen design practices.

OR

3.   Explain deductive, inductive, and abductive reasoning with suitable examples.

UNIT - II

4.   Discuss the interactive design process and how it integrat.

OR

5.   Apply three design rules and discuss its impact on the product.

UNIT - III

6.   Explain how cognitive models can be used to predict user behavior.

OR

7.   Discuss the importance of communication models in remote team collaboration.

UNIT - IV

8.   Analyze how different mobile platforms influence the user experience of an application. Provide examples.

OR

9.   Analyze the impact of iterative design on the overall quality of a software product.

UNIT - V

10. Apply the principles of static web design to create a portfolio website. What elements would you include, and how would you structure the content?

OR

11. Create a prototype for a dynamic content section on a news website that updates in real-time. Explain the features you would include to enhance user engagement.