Human Computer Interaction (TIT-856)

8th Semester (B.Tech. CSE-CC, CSE-BDA, IT)

Part 1:

Attempt any three questions: (15 Marks(

Q1. Explain, How Human Computer Interaction can plays an important role in controlling COVID-19 Pandemic? (5)

Q2. Is there any difference between the designing of a web page and GUI? If so explain them in detail. (5)

Q3. Explain the importance of user interface and the benefits of good design. (5)

Q4. What is meant by Graphical system? Explain the characteristics of Graphical system. (5)

Q5. Differentiate between UX and UI, with suitable examples. (5)

Part 2:

Presentation Topics: Select any one topic (10 marks)

1. Why is usability important?
2. Reasons for software failures.
3. User centered approach in HCI.
4. Brief history of Computer Screen Design.
5. Golden rules of interface design.
6. Software prototyping
7. Importance of Mock-ups, wireframes, and Prototype.
8. Cognitive walkthrough
9. Data Collection Methods.
10. Popular HCI tools