

Roll No

IT-712 (GS)
B.E. VII Semester Examination, June 2020
Grading System (GS)
Human Computer Interaction
Time : Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions.
ii) All questions carry equal marks.

1. Write and explain the goals of human computer interaction.
OR
Define human computer interface. Explain different types of interfaces.
2. a) What are the characteristics of good user interface design.
b) Give guidelines for designing effective error messages.
3. a) Point out the six key stages to carry out in a CUSTOM analysis.
b) Explain use case driven design and ubiquitous computing.
4. Write short notes on :
 - a) Interface building tools
 - b) CSCW
 - c) Human processor
5. With a neat example, Explain how the ordering of screen data and content affects the performance.
6. a) Explain various research techniques in detail?
b) Discuss Heuristic evaluation with example.
7. Discuss the use of design prototypes in detail?
OR
What is controlled experiments and cognitive walkthrough? Describe?
8. Explain any two of the following:
 - a) Data gathering
 - b) Programmability
 - c) User model and evaluation
