

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY
THIRD YEAR (SOFTWARE ENGINEERING)
FALL SEMESTER EXAMINATION 2020 BACKLOG
BATCH 2018

Time: 3 hours

Dated: 09-02-2021

Max. Marks: 60

Human Computer Interaction - (SE-302)

Instructions: Answer all questions.

- Q1. (CLO1)
- a) Briefly discuss the paradigms that have influenced interaction methods. (6)
 - b) Compare the Batch Processing and Personal Computing paradigms. (6)
- Q2. (CLO1)
- a) Why is prototyping important in interaction design? Discuss the analogy with Hill Climbing. (6)
 - b) Write short notes on the following: (6)
 - i) Design
 - ii) Scenarios
 - iii) Persona
- Q3. (CLO2)
- a) What are the tangible outputs of Navigation Design? What information should be provided to the users to enable them to navigate a web site? (6)
 - b) What are the considerations in Screen Design and Layout of a web page screen? (6)
- Q4. (CLO2)
- a) What is Task Analysis? Explain one approach to task analysis. (6)
 - b) Do a HTA analysis for the scenario: Calling a friend on your smart phone. (6)
- Q5. (CLO3)
- a) What is the role of Evaluation in the Design Process, and what are the goals? (4)
 - b) What are the approaches to Evaluation of design? Explain one approach with an example. (8)