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

Time: 3 Hours

Dated:12-FEB-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 Personal Computing and Ubiquitous Computing paradigms.   (6)

Q2.   (CLO2)
   a) Experience has shown that we cannot design right the first time. How is design   (6)
      done in practice?
   b) What are the considerations in Screen Design and Layout of a web page screen?   (6)

Q3.   (CLO2)
   a) How does task analysis help in design of user interface? Explain one approach   (6)
      to task analysis.
   b) Do a HTA analysis for the scenario: Booking a seat on an international flight   (6)

Q4.   (CLO3)
   a) Explain Cognitive Evaluation. Who are the participants and what are the goals?   (4)
   b) Do a Cognitive Evaluation on making a phone call to a friend on your   (8)
      cell/Smart Phone.

Q5.   (CLO3)
   a) Explain Nielsen's Heuristic Evaluation. Who are the participants and what   (4)
      are the goals?
   b) Apply Nielsen's Heuristic Evaluation on NED UET website home page.   (4)
   c) What information is provided on the NED UET web site. Choose one of these   (4)
      Information and evaluate the web page where this information is being provided.