2053
B. E. (Information Technology)
Eighth Semester
IT-803: Human Computer Interaction

Time allowed: 3 Hours

Max. Marks: 50

NOTE: *Attempt <u>five</u> questions in all, including Question No. I which is compulsory and selecting two questions from each Unit.*

x-x-x

I. Answer the following:-

a) List the strength and weakness of cascading menus.

b) Discuss various recommendations for phrasing error messages or warnings.

c) Distinguish between graphical user interface and web page design.

d) What is the purpose of screen?

e) List the factors that influence icon's usability. (5x2)

UNIT - I

II. Define the term human computer interaction. What is the importance of good design? Explain. (10)

III. Describe the process of speech digitalization and generation in detail. (10)

IV. Write short notes on the following:-

a) Possible Problems with colors

b) User Interface Models (2x5)

UNIT - II

V. Explain about various device based controls. Discuss the selection of proper device based controls. (10)

VI. Discuss different types of mobile design in detail. (10)

VII. What are different windows Characteristics? Explain different types of windows.(10)

x-x-x