

Code No: 815BN

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**MCA V Semester Examinations, April/May - 2019****HUMAN COMPUTER INTERACTION****Time: 3 Hours****Max. Marks: 60****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 8 marks and may have a, b, c as sub questions.

PART - A**5 × 4 Marks = 20**

- 1.a) What are the benefits of good design? [4]
- b) How the users physical characteristics that affect their performance with a system? [4]
- c) Discuss the goals of website navigation. [4]
- d) Present a short note on TCL scripting language. [4]
- e) Distinguish between QWERTY and ABCDE style. [4]

PART - B**5 × 8 Marks = 40**

- 2.a) Discuss the impact of inefficient design.
 - b) Discuss about views. [4+4]
- OR**
- 3.a) Discuss about web interface designs.
 - b) Differentiate between intranet and extranet. [4+4]
4. Discuss about ordering of screen data and content. [8]
- OR**
5. State and explain various qualities which provides visually pleasing composition and give suitable examples for each quality. [8]
- 6.a) Explain different types of links.
 - b) How to describe the choices in checkboxes? [4+4]
- OR**
- 7.a) How to create 3-D look on a screen?
 - b) What are the uses and problems with color? [4+4]
- 8.a) Write short notes on CASE environments.
 - b) Differentiate between JavaScript and HTML. [4+4]
- OR**
9. Define transition diagrams. Explain in detail about transition diagrams with an example and also give their advantages and disadvantages. [8]
- 10.a) Discuss about video displays.
 - b) How many variations are there in speech technology? [4+4]
- OR**
11. Define mouse. What are various types of mouse? Distinguish their operations. Compare mouse and joystick. [8]

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