



R17 Regulation

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A' Grade)

Subject code: 1E7FC

B.Tech IV Year I Semester Regular Examinations, February 2021

HUMAN COMPUTER INTERACTION

(Information Technology)

Maximum Marks: 70

Date: 27.02.2021 Duration: 3 hours

- Note:**
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 Define user interface
- 2 Define graphical user interface
- 3 What do you mean by the term usability?
- 4 What are the attributes related in presenting information simply and meaningfully?
- 5 What is the need for RGB related to color selection?
- 6 List out some of the selection control
- 7 Define transition diagram
- 8 State the features of user interface building tools
- 9 What is the use of function keys?
- 10 State some of the display attributes

Part-B

Answer All the following questions.

(10M X 5=50Marks)

- 11 a) Explain about the concept of direct manipulation. (7M)
b) Write down the advantage and disadvantage of graphical systems. (3M)
OR
- 12 Explain in detail about web user interface, its popularity and characteristics. (10M)
- 13 Explain in detail about the design and characteristics related to human interaction with computers.(10M)
OR
- 14 Explain about the different qualities related to visually pleasing composition. (10M)
- 15 Explain in detail about the selection of proper device based control.(10M)
OR
- 16 Explain the process related to creating graphics using icons, images in multimedia.(10M)
- 17 Explain in brief about specification methods. (10M)
OR
- 18 Explain in detail about interface building tools.(10M)
- 19 Explain in detail about pointing devices and its types. (10M)
OR
- 20 Explain in detail about image and video displays. (10M)

