

**R16**

Code No: 138CQ

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, July - 2021

**HUMAN COMPUTER INTERACTION**  
(Information Technology)

Time: 3 hours

Max. Marks: 75

Answer any Five Questions  
All Questions Carry Equal Marks

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1.a) Write merits and demerits of graphical systems.

b) What are the implications in screen design? Explain.

[8+7]

2.a) Explain about Human Interaction speeds

b) With a neat diagram, describe the software life cycle.

[8+7]

3.a) Discuss about screen planning and purpose.

b) What are principles for the Xerox STAR? Explain.

[8+7]

4.a) Describe technological considerations in interface design.

b) Explain combo boxes and slider.

[8+7]

5.a) Discuss about message box controls and instructional messages.

b) Explain about virtual and augmented reality.

[8+7]

6.a) What are universal design principles? Explain.

b) What are principles to support usability? Explain.

[8+7]

7.a) Describe importance and merits of good design.

b) Discuss about statistical graphs.

[8+7]

8. Discuss about the challenge of display-based systems.

[15]

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