

Total No. of Questions : 4]

SEAT No. :

**P8580**

[Total No. of Pages : 1

**Oct-22/TE/Insem-560**

**T.E. (Information Technology)**

**HUMAN COMPUTER INTERACTION**

**(2019 Pattern) (Semester-I) (314444)**

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates:*

- 1) Answer Q1 or Q2, Q3 or Q4.
- 2) Neat Diagram must be drawn wherever necessary.
- 3) Figures to the right indicates full marks.
- 4) Assume Suitable data if necessary.

- Q1)** a) List and Explain General Principles of HCI. [5]  
b) What is HCI? Explain any two application area of HCI. [5]  
c) Express your opinion - "A design should be User-Centric". [5]

OR

- Q2)** a) Why Study of HCI is Important? Explain in details. [5]  
b) List and Explain different UCD principles. [5]  
c) Explain Psychology of everyday things. [5]

- Q3)** a) "Human emotions play an important role in designing a GUI for any application" Elaborate your answer with example. [5]  
b) What is WIMP interface? Explain how to use its elements to design user interface. [5]  
c) List five human senses and identify those that are most important to HCI. [5]

OR

- Q4)** a) List different interaction styles. Explain command line interface with advantages and disadvantages. [5]  
b) Explain the concept of Ergonomics with example. [5]  
c) Differentiate between human short-term memory and long-term memory. [5]

