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 HCl. **[5]**

b) What is HCl? Explain any two application area of HCl. **[5]**

c) Express your opinion - "A design should be User-Centric". **[5]**

OR

Q2) a) Why Study of HCl 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 HCl. **[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]**

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