P8580

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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