P9025

Oct-22/TE/Insem-635

T.E. (Artificial Intelligence and Data Science)
HUMAN COMPUTER INTERFACE
(2019 Pattern) (Semester - I) (310245B) (Elective - I)

Time : 1 Hour]   *[Max. Marks : 30*

Instructions to the candidates :

1)   *Answer Q.1 or Q.2, Q.3 or Q.4.*

2)   *Figures to the right indicate full marks.*

3)   *Neat diagrams must be drawn whenever necessary.*

4)   *Make suitable assumption whenever necessary.*

Q1) a)   Explain HCI principles in detail.   **[5]**

b)   What is ergonomics in HCI.   **[5]**

c)   Differentiate between Mistake and Slip with some example.   **[5]**

OR

Q2) a)   Differentiate between Good Design and Bad Design with example.
     [5]

b)   Explain WIMP in detail.   **[5]**

c)   Draw and explain Human Memory Structure.   **[5]**

Q3) a)   Why people have trouble with computers?   **[5]**

b)   Discuss Shneiderman's eight golden rules.   **[5]**

c)   Explain advantages and disadvantages of the primary interaction styles.
     [5]

OR

Q4) a) Explain Normans seven principles of design. **[5]**

b) Explain different human considerations in design of business systems.
[5]

c) Explain Millers Law. **[5]**

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