

Total No. of Questions : 4]

SEAT No. :

P9025

[Total No. of Pages : 2

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]

P.T.O.

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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