

Total No. of Questions : 4]

SEAT No. :

PC30

[Total No. of Pages : 2

[6360]-30

T.E. (Computer Engineering) (Insem)

HUMAN COMPUTER INTERFACE

(2019 Pattern) (Semester-I) (Elective-I) (310245 B)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Answer Q1 or Q2, Q3 or Q4.*
- 2) *Figures to the right indicates full marks.*
- 3) *Neat diagrams must be drawn wherever necessary.*
- 4) *Make suitable assumption whenever necessary.*

Q1) a) Compare short-term memory and long-term memory. **[5]**

b) Elaborate various Interaction Styles including following factors: **[5]**

- i) Command Line Interface
- ii) Menus
- iii) Natural Language

c) What is mean by interaction? Explain any one model of interaction. **[5]**

OR

Q2) a) What is mean by HCI? Which are the applications of HCI in various fields? **[5]**

b) How do we compare human memory ability and computer memory. Explain. **[5]**

c) Describe human ability- EMOTION in detail. List down various standard human emotion. **[5]**

P.T.O.

- Q3)** a) Compare performance versus preference. [5]
- b) Elaborate different methods of Gaining an Understanding of Users. [5]
- c) Elaborate various design guidelines to have suitable HCI system. [5]

OR

- Q4)** a) Explain Design principles in detail. [5]
- b) Explain various ways of people to interact computer. [5]
- c) What is the concept of human consideration in design of business system?
Explain with example. [5]

