SEAT No.	:	
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P 5700

TE/INSEM./OCT.-146 **T.E. (IT)**

[Total No. of Pages: 2

HUMAN COMPUTER INTERACTION

(2015 Pattern) (Semester - I)

Time: 1 Hour] [Max. Marks: 30 Instructions to the candidates: Answer Q1 or Q2, Q3 or Q4, Q5 or Q6. Figures to the right side indicate full marks. 2) Assume suitable data, if necessary. 3) What is HCl? What are disciplines involved in HCl? [5] **Q1**) a) List and explain General Principles of HCl Design. b) [5] OR Express your opinion with example-"A design should be User-Centric". *Q2*) a) [5] Explain different UCD principles. b) [5] Write short note on: STM and LTM. **Q3**) a) [5] Suggest ideas for an interface which uses the properties of sound b) effectively. [5] OR "Human emotions play an important role in designing a GUI for any **Q4**) a) application" Elaborate your answer with example. [5] Explain a Model of Structure of Human Memory. What can a system designer do to minimize the memory load of the user? Explain with example. [5]

List different interaction styles. Explain command line interface and **Q5)** a) menus interface. What is WIMP interface? Explain how to use its elements in designing a b) user interface. Explain the concept of Ergonomics with example. **Q6)** a) [5] Explain paradigms of Interaction design. [5] b)