

Total No. of Questions : 6]

SEAT No. :

P265

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BE/INSEM/APR-593

B.E. (Computer Engineering) (Semester - II)

410253B : HUMAN COMPUTER INTERFACE

(2015 Pattern) (Elective - IV)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Figures to the right indicate the marks to the question.
- 3) Assume suitable data whenever necessary.

- Q1) a) Explain the various principles of Human Computer Interaction. [4]
b) Explain the basic of Human abilities with related to Human Computer Interaction. [6]

OR

- Q2) a) What is role of Psychology, Ergonomics, and Understanding in HCI? [6]
b) How do we extract data and information by using Conceptual Model? [4]

- Q3) a) Explain the Golden rules of interaction design. [4]
b) Explain with block diagram Software design process. [6]

OR

- Q4) a) Describe brief different interaction styles use to accommodate the dialog between computer and human. [4]
b) Explain the GOMS model in details. [6]

- Q5) a) What is prototype? Explain different types of rapid prototyping techniques. [4]
b) Explain MVC component tried in Smalltalk [6]

OR

- Q6) a) Explain the windowing system in details. [6]
b) Write a short note on UIMS. [4]

