



Code: 9F00504b

MCA V Semester Regular & Supplementary Examinations November/December 2016

**HUMAN COMPUTER INTERACTION**

(For 2011, 2012, 2013 & 2014 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Explain the Importance of user interface and the benefits of good Design.  
(b) Briefly discuss the problems associated with UI design.
- 2 (a) What are the characteristics of Direct Manipulation systems? Explain.  
(b) What are the characteristics of a Web Interface? Explain briefly.
- 3 (a) Briefly explain Human considerations in design.  
(b) What are the human interaction speeds? Explain.
- 4 (a) Explain briefly how to organize the Screen elements.  
(b) Discuss the technological consideration in Interface design with examples.
- 5 (a) Discuss in detail about the different types of windows.  
(b) What are the guidelines for window operations? Explain in detail.
- 6 (a) How the content and text is arranged for web pages?  
(b) Explain how to choosing colors for Textual Graphic Screens.
- 7 What is the use of interface building tools? Also explain features of those tools.
- 8 (a) List and explain various indirect control pointing devices.  
(b) What are the different kinds of technologies used in speech recognition? Explain.

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