

B.E. Computer Technology Sixth Semester  
**CT603 - Human Computer Interaction**

P. Pages : 1

Time : Three Hours



**GUG/W/18/1729**

Max. Marks : 80

- Notes :
1. All questions carry equal marks.
  2. Assume suitable data wherever necessary.
  3. Illustrate your answers wherever necessary with the help of neat sketches.

1. a) Is good design of user interface important? What comprises a good design? Explain benefits of good design. 8  
b) Explain the significant events that led to blossoming of world wide web. 8

**OR**

2. a) Discuss in detail about the advantages and disadvantages of graphical systems. 8  
b) Explain in detail about the following principles of user interface design. 8  
i) Clarity ii) Compatibility

3. a) Explain human interaction speed of various task. 8  
b) Explain about methods for gaining understanding of users. 8

**OR**

4. a) Explain how training and documentation are integral part of development system. 8  
b) What are the design commandments explain in details. 8

5. Discuss how the screen navigation and flow are required for effective user interface can all screen on web page elements be identified by cues other than be reading the dords that make them up? Explain. 16

**OR**

6. a) How interface design is affected by physical characteristics of display device and characteristics of interface controlling the software in case of web system. 8  
b) How to organize screen data & content? Explain in detail. 8

7. a) What are the common structures of menus those defines the amount of control given to the user in performing a task explain with diagram. 8  
b) Describe in detail about the selection of device based controls. 8

**OR**

8. a) What are the different components of web navigation system? Explain with diagram. 8  
b) Explain various constraints in window system design. 8

9. Explain important types of display devices and also the features of Visual Display Unit (VDU). 16

**OR**

10. a) Explain the role of user interface architects in building software tools. 8  
b) Write brief notes on the following- 8  
i) Functional Keys ii) Cursor movement keys

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