



- Notes :
1. All questions carry equal marks.
 2. Due credit will be given to neatness and adequate dimensions.
 3. Assume suitable data wherever necessary.
 4. Illustrate your answers wherever necessary with the help of neat sketches.

1. a) What is graphical user interface? Explain about popularity of graphics. **8**
b) Explain characteristics of graphical user interface. **8**

OR

2. a) Give characteristics of internet Vs intranet in detail. **8**
b) What are the benefits of good design? Explain in detail. **8**
3. a) Explain in detail about design standards and style guider. **8**
b) Usability is "capability to be used by humans easily & effectively" Elaborate this point. **8**

OR

4. a) Explain guidelines in designing conceptual models in design process. **8**
b) Describe about possible problems in requirement collection. **8**
5. a) How interface design is affected by physical characteristic of display device & characteristic of interface controlling the software in case of web system? **8**
b) What guidelines must be followed by designer for processing information on screen simply & meaningfully? **8**

OR

6. a) Write a note on typography. **10**
b) How amount of information should be displayed on screen? Explain in terms of web page size. **6**
7. a) Explain about the way in which links aggravate the user. Discuss in detail web site navigation problem. **8**
b) Describe in detail the selection of device based controls. **8**

OR

8. a) Identify the characteristics and capabilities of the following screen - based controls. **8**
i) Check boxes.
ii) Drop down / pop up list boxes.
- b) What are the various components of windows? Explain. **8**
9. a) Write brief notes on the following. **8**
i) Functional keys.
ii) Cursor movement keys.
- b) Explain important types of display devices and also the features of VDU. **8**

OR

10. a) Explain the role of user interface architects in building software tools? **8**
- b) Discuss about specification methods of software tools. **8**
