# FUTURE VISION BIE

## By K B Hemanth Raj

## Visit : https://hemanthrajhemu.github.io

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15CS832

USN

**Eighth Semester B.E. Degree Examination, June/July 2019**
## Modern Interface Design

Time: 3 hrs.

Max. Marks: 80

*Note: Answer any FIVE full questions, choosing ONE full question from each module.*

### Module-1

1  a. Explain the Importance and Benefits of good user Interface Design. **(04 Marks)**
   b. Write any four differences between GUI and Webpage Design. **(04 Marks)**
   c. Explain in detail, the characteristics of GUI. **(08 Marks)**

**OR**

2  a. Explain the concept of Direct Manipulation for Graphical Systems. **(04 Marks)**
   b. Discuss the characteristics of Intranet and Internet and bring out the differences between them. **(04 Marks)**
   c. Discuss the general principles of User Interface Design (any 8). **(08 Marks)**

### Module-2

3  a. List and explain the five commandments in designing for people. **(06 Marks)**
   b. Describe in detail, the important human characteristics in user Interface Design (any five). **(10 Marks)**

**OR**

4  a. Explain the common usability problems in web based systems. **(06 Marks)**
   b. Explain the techniques for determining the user requirements using Indirect methods. **(10 Marks)**

### Module-3

5  a. Explain the structure of Menus with illustrations. **(06 Marks)**
   b. Describe the components of a Web Navigation System with illustration. **(10 Marks)**

**OR**

6  a. Describe the functions of Menus. **(06 Marks)**
   b. List all kinds of Graphical Menus and explain any one in detail. **(10 Marks)**

### Module-4

7  a. Explain the components of a window with example. **(08 Marks)**
   b. Discuss briefly about the types of windows with examples (any four). **(08 Marks)**

**OR**

8  a. Describe overlapping windows and tiled windows presentation styles with examples. **(08 Marks)**
   b. Explain the characteristics of touch Screen and keyboard. **(08 Marks)**

### Module-5

9  a. Explain Radio Buttons and List Boxes selection controls. **(08 Marks)**
   b. Explain any two types of testing prototypes used in User Interface Design. **(08 Marks)**

**OR**

10 a. Explain Slider and Tree View operable controls. **(08 Marks)**
   b. Explain Cognitive Walkthroughs, Think aloud Evaluations and Usability tests conducted in user Interface Design. **(08 Marks)**

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## Quick Links for Faster Access.

**CSE 8th Semester** - https://hemanthrajhemu.github.io/CSE8/

**ISE 8th Semester** - https://hemanthrajhemu.github.io/ISE8/

**ECE 8th Semester** - https://hemanthrajhemu.github.io/ECE8/

## 8th Semester CSE - TEXTBOOK - NOTES - QP - SCANNER & MORE

**17CS81 IOT** - https://hemanthrajhemu.github.io/CSE8/17SCHEME/17CS81/

**17CS82 BDA** - https://hemanthrajhemu.github.io/CSE8/17SCHEME/17CS82/

**17CS832 UID** - https://hemanthrajhemu.github.io/CSE8/17SCHEME/17CS832/

**17CS834 SMS** - https://hemanthrajhemu.github.io/CSE8/17SCHEME/17CS834/

## 8th Semester Computer Science & Engineering (CSE)

**8th Semester CSE Text Books:** https://hemanthrajhemu.github.io/CSE8/17SCHEME/Text-Book.html

**8th Semester CSE Notes:** https://hemanthrajhemu.github.io/CSE8/17SCHEME/Notes.html

**8th Semester CSE Question Paper:** https://hemanthrajhemu.github.io/CSE8/17SCHEME/Question-Paper.html

**8th Semester CSE Scanner:** https://hemanthrajhemu.github.io/CSE8/17SCHEME/Scanner.html

**8th Semester CSE Question Bank:** https://hemanthrajhemu.github.io/CSE8/17SCHEME/Question-Bank.html

**8th Semester CSE Answer Script:** https://hemanthrajhemu.github.io/CSE8/17SCHEME/Answer-Script.html

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