



Future Vision

FUTURE VISION BIE

By K B Hemanth Raj

Visit : <https://hemanthrajhemu.github.io>

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Regards

- K B Hemanth Raj (Admin)

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Account Holder's Name: K B Hemanth Raj

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IFSC Code: SBIN0003982

MICR Code: 560002017

More Info: <https://hemanthrajhemu.github.io/Contribution/>



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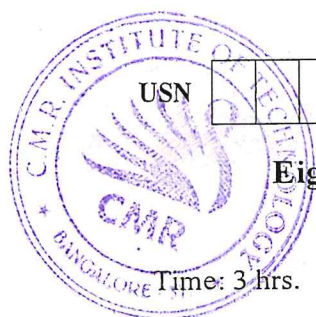
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CBCS SCHEME



15CS832

Eighth Semester B.E. Degree Examination, Aug./Sept.2020 Modern Interface Design

Time: 3 hrs.

Max. Marks: 80

- Note: i) For Regular Students: Answer any FIVE full questions irrespective of modules.
ii) For Arrear Students : Answer any FIVE full questions, choosing ONE full question from each module.*

Module-1

- 1 a. Define HCI. Explain in detail, the importance of good design. (08 Marks)
b. Explain the various characteristics of Direct Manipulation. (08 Marks)
- 2 a. Define Interaction Style. Explain various types of interaction styles in graphical systems. (08 Marks)
b. Explain the design goals in creating User Interface Design. (08 Marks)

Module-2

- 3 a. How obstacles and Pitfalls can be eliminated in User Interface Design Process? (08 Marks)
b. Define Usability. Explain five Quality Components and dimensions of Usability. (08 Marks)
- 4 a. Explain Direct and Indirect Methods in Information Collection. (08 Marks)
b. List the Interface Design Goals. Explain in detail, functions of Menus. (08 Marks)

Module-3

- 5 a. List the characteristics of windows. Explain in detail, components of windows. (08 Marks)
b. Explain various Window Management Schemes. (08 Marks)
- 6 a. Explain the characteristics of Device Based Controls. (08 Marks)
b. Compare the various GUI Controls. (08 Marks)

Module-4

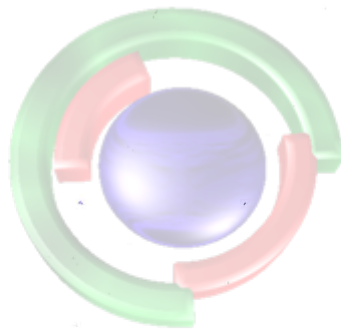
- 7 a. Explain the importance of Combining Multimedia. (08 Marks)
b. List the characteristics of Icons. Explain types of disabilities. (08 Marks)
- 8 a. Explain the four factors that contribute to bad design. (08 Marks)
b. Explain in detail, providing proper feedback to the user. (08 Marks)

Module-5

- 9 a. Explain the purpose and importance of usability testing. (08 Marks)
b. Explain the various common visualization techniques. (08 Marks)
- 10 a. Explain the various software testing tools. (08 Marks)
b. Explain the organizational guidelines in detail. (08 Marks)

* * * * *

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.



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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>

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

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