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DVCA604

Reg. No.

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VI Semester B.C.A. Degree Examination, June/July - 2025

COMPUTER SCIENCE

Electronic Content Design

(NEP Scheme)

Time : 2½ Hours

Maximum Marks : 60

Instructions to Candidates:

All Parts are compulsory.

PART - A

I. Answer any FOUR questions. Each question carries 2 marks. (4×2=8)

1. What is Synchronous and Asynchronous Learning?
2. Abbreviate: WCAG
SCORM
3. What is Wireframing?
4. What are External Style Sheets?
5. List any four popular CMS platforms.
6. Write the basic HTML structure tags?

PART - B

II. Answer any FOUR questions. Each question carries 5 marks. (4×5=20)

7. What is LMS? Briefly explain its types.
8. List the key standards for E-content. Explain any one standard.
9. Explain content authoring Tools.
10. Briefly explain E-content design and development process.
11. Explain the phases of ADDIE instructional model with a neat diagram.
12. Discuss the role of Topography in design.

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PART - C

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III. Answer any FOUR questions. Each question carries 8 marks. (4×8=32)

13. a) What is game based learning? (2)
b) Discuss how Byju's revolutionized education with interactive E-Learning. (6)
14. Explain ASSURE in structional model with a neat diagram. Give its advantages and disadvantages. (8)
15. What are some of the ways to incorporate interactive elements into an online presentation to increase audience engagement? (8)
16. Describe in detail about the phases of E-content development. (8)
17. a) What is Responsive Web design? Give its importance in designing. (4)
b) What is User Experience (UX) design? (4)
18. a) What is SEO? Explain the working mechanism of SEO. (4)
b) Discuss the best practices of SEO. (4)