

**CERTIFICATE IN INFORMATION
TECHNOLOGY**

(CIT)

Term-End Examination

December, 2025

**CIT-003 : WEB BASED TECHNOLOGIES AND
MULTIMEDIA APPLICATIONS**

Time : 2 Hours

Maximum Marks : 50

Weightage : 75%

Note : (i) *There are two Sections in this paper–
Section A and Section B.*

(ii) *All questions from Section A are
compulsory.*

(iii) *Attempt any **three** questions from
Section B.*

Section—A

1. In the following objective type questions, each question has four choices. Select the correct choice as your answer. If none of the given choices are correct, then mark 0 (zero) as your answer. Each objective type question carries 1 mark : 1×10=10

(a) The following tag does not require closing tag :

- (i) `<p>`
- (ii) `<div>`
- (iii) `<dl>`
- (iv) `<hr>`

(b) A list of items in which items are marked with numbers is called

- (i) Ordered list
- (ii) Unordered list
- (iii) Dropdown list
- (iv) Definition list

(c)helps in changing the display of the website without changing the HTML page.

- (i) HTML
- (ii) Style sheets
- (iii) XHTML
- (iv) XML

(d)stands for Hypertext

Preprocessor.

(i) HPP

(ii) PHP

(iii) HPR

(iv) HYP

(e) The following is a fully featured HTML editor :

(i) Microsoft Expression web

(ii) Microsoft Access

(iii) Microsoft PowerPoint

(iv) Microsoft Excel

(f) The following is where two or more people in different locations use technology to hold an audio call :

- (i) Fax
- (ii) E-mail
- (iii) Audio Conferencing
- (iv) Video Conferencing

(g) In Multimedia, Design means..... .

- (i) Creative Pattern
- (ii) Graphics
- (iii) Music
- (iv) Songs

(h) The following is a sequence of simply drawn pictures that visually depict a program :

- (i) Direction

- (ii) Storyboard
 - (iii) Stunts
 - (iv) Makeup
 - (i) DLL stands for :
 - (i) Dynamic Link Library
 - (ii) Demand Link Library
 - (iii) Dynamic Link Language
 - (iv) Double Link Library
 - (j) Slide strip window is a part of.....
 - (i) IconAuthor
 - (ii) ImageQ
 - (iii) Macromedia Director
 - (iv) Everest Authoring System
2. (a) Briefly explain various categories of presentation tools available for multimedia development. 5

- (b) List the software and hardware requirements of a multimedia computer. 5

Section—B

3. (a) What are the advantages of using CSS and JavaScript in web programming ? 5
- (b) Explain the importance of Animation and Digital Video in a Multimedia System. 5
4. (a) Explain any *five* features of e-Mail. 5
- (b) What is DHTML ? What is the role of CSS in a webpage ? 5
5. (a) What are Bitmap images and Vector images ? Distinguish them. 5
- (b) What is VoIP ? How does it differ from Podcasting ? 5

6. (a) What is a Modem ? How is it different from a Network Interface Card ? 5
- (b) What is the purpose of a 'form' in HTML ? Explain any *four* different input types in a form with the help of an example. 5

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