

**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%*

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**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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