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CIT-003

**CERTIFICATE IN INFORMATION
TECHNOLOGY
(CIT)**

Term-End Examination

June, 2025

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

Time : 2 Hours

Maximum Marks : 50

Weightage : 75%

Note : *There are two Sections in this paper,
namely, Section A and Section B. All
questions from Section A are compulsory.
Attempt any **three** questions from
Section B.*

Section—A

1. The following objective type questions have four choices. Select the correct choice as your answer. Each objective type question carries 1 mark. Indicate your answer in the answer sheet : 10×1=10

(a) Which of the following folder normally stores all deleted e-mails ?

- (i) Trash
- (ii) Spam
- (iii) Inbox
- (iv) Starred

(b) Chat is formally known as :

- (i) Synchronous conferencing
- (ii) Mobile conferencing
- (iii) Web conferencing
- (iv) Asynchronous conferencing

- (c) was developed for terminals to access hosts across the Internet.
- (i) FTP
 - (ii) TELNET
 - (iii) HTTP
 - (iv) HTTPS
- (d) URL stands for :
- (i) Uniform Resource Locator
 - (ii) Uniform Resource Location
 - (iii) Universal Resource Locator
 - (iv) Universal Resource Location
- (e) In which of the following phases, the look and feel of the multimedia programme is decided ?
- (i) Programme Brief
 - (ii) Interface Design
 - (iii) Production
 - (iv) Programme Idea

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

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

(g) tag is used for line break.

- (i) <hr>
- (ii)
- (iii)

- (iv) <body>

(h) Special characters must be ended with a to appear in the browser as they are intended to.

- (i) comma
- (ii) period
- (iii) semicolon
- (iv) colon

- (i) help in changing the display of the website without changing the HTML page.
- (i) XHTML
 - (ii) XML
 - (iii) HTML1.0
 - (iv) Style sheets
- (j) stands for Hypertext Preprocessor.
- (i) HPP
 - (ii) PHP
 - (iii) HYP
 - (iv) HPR
2. (a) What is an Authoring System ? Briefly explain it. 4
- (b) Explain any *three* risks due to Internet. 3
- (c) What is MEDNET ? Briefly explain it. 3

Section—B

3. (a) What is MIDI ? How is it different from a WAV file ? 5
- (b) What are vector images ? What are their advantages ? 5
4. (a) Explain the components of an IPv4 address with an example. 5
- (b) What is the purpose of 'form' in HTML ? Explain any *four* different input types in a form. 5
5. (a) What is a Search Engine ? Explain how it collects, indexes and stores information of web pages, so that the search results can be generated quickly. 5

- (b) What are Bitmap images and Vector images ? Differentiate between them. 5
6. (a) Explain the role of TCP/IP in Internet. 5
- (b) Explain various components of multimedia. 5

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