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**CIT-003**

**CERTIFICATE IN INFORMATION  
TECHNOLOGY (CIT)**

**Term-End Examination**

**June, 2024**

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

*Time : 2 Hours*

*Maximum Marks : 50*

*Weightage : 75%*

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

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**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

**P. T. O.**

choices are correct, then write 0 (zero) as your answer. Each objective type question carries 1 mark. Write your answers in the answer sheet : 10×1=10

(a) The following is a worldwide collection of Computer Network cooperating with each other to exchange data using a common software standard :

- (i) LAN
- (ii) WAN
- (iii) Internet
- (iv) Usenet

(b) URL stands for .....

- (i) Uniform Reliable Layer
- (ii) Uniform Resource Locator
- (iii) Universal Reliable Layer
- (iv) Universal Resource Locator

(c) The following is the process of improving the volume and quality of traffic to a website from search engines :

- (i) Browsing

- (ii) Searching
  - (iii) SEO
  - (iv) Indexing
- (d) The following product enables you to organize your medical records online :
- (i) Google Docs
  - (ii) Google Health
  - (iii) Google Talk
  - (iv) Google Calendar
- (e) In order to build the index, a numerical value is attached to each word by a formula and then it is sorted to show the word with highest ranking on the top. This process is called :
- (i) Hashing
  - (ii) Naming
  - (iii) Keying
  - (iv) Heap

- (f) The following is not a Search Engine :
- (i) Google
  - (ii) Bing
  - (iii) Chrome
  - (iv) Microsoft Edge
- (g) The following product enables you to meet new people and stay in touch with friends :
- (i) Orkut
  - (ii) Google Talk
  - (iii) Google Health
  - (iv) Google Docs
- (h) Gopher is a :
- (i) Browser
  - (ii) Search Engine
  - (iii) RDBMS
  - (iv) Programming Language
- (i) AltaVista is a :
- (i) Search Engine
  - (ii) Browser
  - (iii) RDBMS
  - (iv) Programming Language

- (j) ISP stands for :
- (i) Internet Service Provider
  - (ii) Internet Service Patron
  - (iii) International Service Provider
  - (iv) Information Service Patron
2. (a) What is IP in the context of Internet ?  
Explain the use of an IP address. 5
- (b) What is MIDI ? How is it different from a  
WAV file ? 5

### Section—B

*Note : Attempt any three from the following questions.*

3. (a) What are the uses of frames in designing a web page ? What are the disadvantages of using frames ? Can creating divisions using DIV tag create better web pages ? Justify your answer. 6
- (b) Explain the document tags and heading tags of HTML with the help of one example each. 4

4. (a) Explain the applications of Multimedia in the field of medicine. 5
- (b) Explain the structure of a hypertext document with the help of a diagram. 5
5. (a) What are Vector images ? What are their advantages ? 5
- (b) Write a short note on CSS. 5
6. (a) Explain the functions of a Modem. 5
- (b) Explain the term 'Document Conferencing' in the context of Internet. 5