

**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)**

Term-End Examination

December, 2016

00089

**CIT-003(S) : WEB BASED TECHNOLOGIES AND
MULTIMEDIA APPLICATIONS**

Time : 2 hours

Maximum Marks : 50

(Weightage : 75%)

Note : *There are two sections in this paper, Section A and Section B. All the questions from Section A are compulsory. Section B has four questions. 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 select 0 (zero) as your answer. Each objective type question carries 1 mark. Indicate your answer in the answer-sheet. $10 \times 1 = 10$

- (a) SMTP stands for
- (i) Sizeable Mail Transfer Protocol
 - (ii) Simple Mail Transfer Protocol
 - (iii) Single Mail Transfer Protocol
 - (iv) Single Message Transfer Protocol

- (b) DLL stands for
 - (i) Dynamic Link Loader
 - (ii) Dynamic Link Library
 - (iii) Doubly Link Library
 - (iv) Doubly Loadable Library

- (c) For collaboration among a group, you can use
 - (i) LinkedIn
 - (ii) Wiki
 - (iii) Facebook
 - (iv) All of the above

- (d) .mpeg format is used for
 - (i) Audio files
 - (ii) Video files
 - (iii) Text files
 - (iv) All of the above

- (e) _____ is a web server.
 - (i) TCP
 - (ii) BIOS
 - (iii) IIS
 - (iv) HTTP

- (f) CD-ROM can be used for
 - (i) Multimedia distribution
 - (ii) Storage of content
 - (iii) Archival storage
 - (iv) All of the above

- (g) **FTP** stands for
- (i) **File Table Protocol**
 - (ii) **File Transfer Protocol**
 - (iii) **File Transmission Protocol**
 - (iv) **Find Table Protocol**
- (h) Which of the following is *not* a format of image ?
- (i) **JPEG**
 - (ii) **URL**
 - (iii) **PNG**
 - (iv) **GIF**
- (i) **CSS** stands for
- (i) **Cover Style Sheet**
 - (ii) **Cascading Style Sheet**
 - (iii) **Cascading System Sheet**
 - (iv) **None of the above**
- (j) _____ maintains a map of the physical networks on a network and forwards data received from one physical network to other physical networks.
- (i) **E-Mail**
 - (ii) **Firewall**
 - (iii) **Router**
 - (iv) **Web page**

2. Explain the functions of a Modem. 5

3. What is meant by VoIP ? What are its advantages ? 5

SECTION B

4. (a) A computer has an IP address 192.168.1.98 and subnet mask as 255.255.255.0. What would be the Net ID and Device ID for this computer ? 5
- (b) What is meant by "Home Page" of a website ? Explain any two features of a Home Page. 5
5. (a) What is meant by VPN ? What are its advantages ? 5
- (b) Explain the advantages of Scripting languages. 5
6. (a) Explain any two components of Multimedia. 5
- (b) List and explain various tags that are used for making a table in HTML. 5
7. (a) What is a Thumbnail ? Explain with the help of an example. 5
- (b) What is a Web Browser ? Explain the features of Java enabled web browsers. 5
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