

**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)**

00744 **Term-End Examination**

December, 2015

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

Time : 2 hours

Maximum Marks : 50

(Weightage : 75%)

Note : *There are two sections in this paper. All the questions from Section A are **compulsory**. 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 choices is correct, then write 0 (zero) as your answer. Each objective type question carries 1 mark. Indicate your answer in the answer sheet. $10 \times 1 = 10$

- (i) _____ is a website where entries are written as commentary or news on a particular subject such as politics, education, etc.
- (a) Blog
(b) E-mail
(c) HTTP
(d) FTP

- (ii) _____ maintains a map of the physical networks on a network and forwards data received from one physical network to other physical networks.
- (a) Router
 - (b) Firewall
 - (c) Web page
 - (d) E-mail
- (iii) To find web pages consisting of words IGNOU or EDUCATION, _____ operator needs to be used between the two words.
- (a) OR
 - (b) AND
 - (c) XOR
 - (d) NOT
- (iv) To create logical division of a web page, you may use _____ tag.
- (a) < div >
 - (b) < marquee >
 - (c) < br >
 - (d) < b >

- (v) The two main sections of an HTML document are _____ and _____.
- (a) H1, H3
 - (b) BR, B
 - (c) Head, Body
 - (d) A, TITLE
- (vi) _____ is one of the professional rating drawing and graphics package for WINDOWS which is also available in OS/2 system.
- (a) MS-Word
 - (b) Designer
 - (c) MS-Excel
 - (d) MS-PowerPoint
- (vii) Which of the following files should be deleted regularly for privacy reasons ?
- (a) Temporary Internet files
 - (b) Audio files
 - (c) Video files
 - (d) Only text files

(viii) Which of the following is a valid IP address ?

- (a) 192.168.1.1
- (b) 192.168.1
- (c) 192.168
- (d) 192

(ix) The web uses documents primarily that have been created using _____ .

- (a) Java
- (b) C
- (c) C++
- (d) HTML

(x) For development of quality multimedia, _____ is required.

- (a) Authoring software
- (b) Video editing software
- (c) Image editing software
- (d) All of the above

2. Explain the process of translation of addresses using DNS. 5

3. Write a short note on GIF construction set. 5

SECTION B

4. (a) What are the advantages of using vector images in a multimedia application? 5
(b) List any five features of a web-browser. 5
5. (a) What is VPN ? Explain. 5
(b) Describe web server and its characteristics. 5
6. (a) What is TCP/IP ? How is it useful for Internet? 5
(b) What are the advantages of scripting languages? 5
7. (a) What are ordered and unordered lists? 5
(b) How can you edit an existing website? 5
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