CERTIFICATE IN INFORMATION TECHNOLOGY (CIT)

Term-End Examination

December, 2011

00241

CIT-003 : WEB BASED TECHNOLOGY 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 in **section-B**.*

SECTION - A

1. In the following objective type questions, each **10** question has four choices, select the correct choice as your answer. If none of the given choices is correct, then select 0 (Zero) as your answer. Each objective type question carries 1 mark. Indicate your answer in the answersheet.

   (a) Modem is a device that lets computer information to be transmitted and received on a :

   (i) Satellite

   (ii) Broadband

   (iii) Telephone line

   (iv) Network of Computers

(b) Which of the following files should be deleted regularly for privacy reasons ?

(i) all audio files on internet

(ii) Control files on browser

(iii) old browser files

(iv) temporary Internet files

(c) All the deleted e-mails are kept in _____ folder for some time.

(i) Spam   (ii) Trash

(iii) Draft   (iv) Sent Mail

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

(i) 192. 168. 1. 96

(ii) 19. 1681. 1.1

(iii) 19. 268. 3. 7

(iv) All of the above are valid.

(e) An html document is specified by _____ tag.

(i) < head >   (ii) < doc >

(iii) < html >   (iv) < txt >

(f) The style and format of an HTML document can be defined using.

(i) Document Object Model (DOM)

(ii) Active Server Pages (ASP)

(iii) Cascading Style Sheets (CSS)

(iv) Extensible Markup Language (XML)

(g) Forms in a web page are used for :

(i) gathering information

(ii) displaying information

(iii) searching information

(iv) all of the above are correct

(h) Which of the following is a format/ standard for storing images ?

    (i)   .txt   (ii)   .gif

    (iii) .wav   (iv) .doc

(i) Hypertext can be used in :

    (i)   online documentation

    (ii) www

    (iii) both (i) and (ii)

    (iv) it is not used now a days.

(j) A good standard for digital video is :

    (i)   .MIDI   (ii)   .WAV

    (iii) .XLS   (iv) .MPEG

2. Explain the following terms in the context of   **10** Internet and Multimedia.

(a) Search engine

(b) World Wide Web

(c) Application of multimedia in education

(d) Use of Frames in web page design

SECTION - B

3. (a) What are the advantages of using the   6
following in a multimedia application ?
   (i) Vector images
   (ii) Animation
   (iii) Digital Video

   (b) Explain the purpose of any four fields used   4
in a form.

4. (a) What is the purpose of MEDNET ? Explain   5
its possible uses.

   (b) Why is a web browser needed ? List any   5
four features of web browser.

5. (a) Explain the use of following component in   6
Internet.
   (i) Firewall
   (ii) TCP/IP
   (iii) Network Interface Card

   (b) Explain the use of following HTML tags.   4
   (i) Paragraph <P>
   (ii) Body < body >
   (iii) Image < img .....>
   (iv) HTML links < a .....>

6. Explain *any five* of the following terms.   10
   (a) URL
   (b) DNS
   (c) Web Server
   (d) HTTP
   (e) Blog
   (f) e-mail address
   (g) DHTML