| CIT-003 |

CERTIFICATE IN INFORMATION TECHNOLOGY (CIT)

Term-End Examination

December, 2016

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CIT-003 : WEB BASED TECHNOLOGIES AND MULTIMEDIA APPLICATIONS

Time : 2 hours   *Maximum Marks : 50*

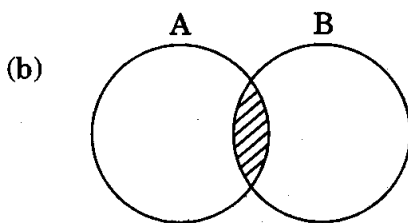*(Weightage : 75%)*

Note : *There are two sections in this paper, Section A and Section B. All the questions from Section A are* ***compulsory****. 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. *10×1=10*

   (a) URL is a
   (i) resource address on www
   (ii) email address
   (iii) server address
   (iv) physical address

(b)

In the diagram as above, the shaded portion will be the result of which of the following logic operations ?

(i) A OR B

(ii) A AND B

(iii) NOT A OR B

(iv) None of the above

(c) Spam folder stores

(i) all the input mails

(ii) all the deleted mails

(iii) all the draft mails

(iv) all the junk mails

(d) In HTML, largest heading is specified using

(i) h1 tag

(ii) h5 tag

(iii) h6 tag

(iv) h9 tag

(e) gif format is used for

    (i) Audio

    (ii) Video

    (iii) Animation

    (iv) Image

(f) Which input element will be used in a form to allow a user to select only one of the given alternatives ?

    (i) Text box

    (ii) Radio buttons

    (iii) Check boxes

    (iv) Group box

(g) Digital sound can be stored using _____ format.

    (i) .wav

    (ii) .txt

    (iii) .bmp

    (iv) .xls

(h) Words that can be linked to other pages/text are called

    (i) Text link

    (ii) Link words

    (iii) Hypertext

    (iv) Media words

(i) Multimedia does *not* involve

   (i) interaction

   (ii) animation

   (iii) duplication

   (iv) Any of the above

(j) One of the popular security tools in the context of Internet is

   (i) Firewall

   (ii) Router

   (iii) Browser

   (iv) All of the above

2. (a) What are the various components of a web address ? Explain with the help of an example. 5

   (b) Why do you need forms in web designing ? Explain the use of any three fields in a form with the help of examples. 5

SECTION B

3. (a) Explain the use of < ol > and < li > tags with the help of an example. *5*

    (b) What is the need of a web browser ? Name at least two popular browsers. *5*

4. Explain the following terms in the context of Internet and Multimedia with the help of an example/diagram, if needed : *5×2=10*

    (a) Blogging

    (b) Modem

    (c) Hypertext

    (d) Frames

    (e) Contacts in email

5. (a) What is a search engine ? Name at least two popular search engines. How does a search engine work ? Explain. *5*

    (b) What are the different components of multimedia ? What is their importance in a multimedia presentation ? *5*

6. (a) What is an IP address ? Explain with the help of an example. *4*

    (b) What is a WIKI ? How can it be used ? *4*

    (c) What is DHTML ? List the technologies that can help in creating dynamic web pages. *2*