Code: AC75/AT75   Subject: **INTERNET APPLICATIONS**

AMIETE – CS/IT

Time: 3 Hours   **JUNE 2013**   **Max. Marks: 100**

PLEASE WRITE YOUR ROLL NO. AT THE SPACE PROVIDED ON EACH PAGE IMMEDIATELY AFTER RECEIVING THE QUESTION PAPER.

NOTE: There are 9 Questions in all.
- **Question 1 is compulsory and carries 20 marks. Answer to Q.1 must be written in the space provided for it in the answer book supplied and nowhere else.**
- **The answer sheet for the Q.1 will be collected by the invigilator after 45 minutes of the commencement of the examination.**
- **Out of the remaining EIGHT Questions answer any FIVE Questions. Each question carries 16 marks.**
- **Any required data not explicitly given, may be suitably assumed and stated.**

Q.1   **Choose the correct or the best alternative in the following:**   **(2×10)**

a. Which of the following is a server-side programming technology used to build web pages?

   (A) HTML5   **(B)** CSS3
   (C) PHP   **(D)** JavaScript

b. The latest IP standard is _____

   (A) Internet Protocol version 4 (IPv4)
   (B) Internet Protocol version 6 (IPv6)
   (C) Internet Protocol version 5 (IPv5)
   (D) None of these

c. HTML standards by the W3C are called _____.

   (A) Rules   **(B)** Standards
   (C) Recommendations   **(D)** Regulations

d. HTML5 documents are edited using a(n) _____.

   (A) compiler   **(B)** browser
   (C) operating system   **(D)** text editor

e. Text put between the _____ tags appears in the browser's title bar (i.e., the dark bar at the top of the browser window).

   (A) <h6></h6>   **(B)** <title></title>
   (C) <h1></h1>   **(D)** <head></head>

f.   The _____ element provides input options for a text input element. The browser can use these options to display autocomplete options to the user.

    (A) datalist   **(B)** autocomplete
    (C) value   **(D)** step

g.   The _____ element groups navigation links.

    (A) navigation   **(B)** link
    (C) header   **(D)** nav

h.   _____ allow you to cascade the style of your page elements (spacing, margins, etc.) separately from the structure of your document.

    (A) Filters   **(B)** Style declarations
    (C) Cascading Style Sheets   **(D)** Text flows

i.   External style sheets are saved with the _____ extension.

    (A) .html   **(B)** .txt
    (C) .css   **(D)** .txtcss

j.   In the following line the word "document" is a(n) _____ that resides in the computer's memory.
document.writeln("Hello World");

    (A) attribute   **(B)** behavior
    (C) object   **(D)** method

Answer any FIVE Questions out of EIGHT Questions.
Each question carries 16 marks.

Q.2   a.   What is HTML? What are the applications of HTML? Make a web page which give introduction about your college. **(8)**

       b.   Explain List in HTML .Support your answer with the help of an example. **(8)**

Q.3   a.   Create a web page on HTML for a Banking application that contains a Welcome message, linking of different pages and Insert some images on this page. **(8)**

       b.   What is counter? Explain in detail with examples. **(8)**

Q.4   a.   What are Functions? How are parameters passed in Functions? **(8)**

b. Explain the concept of Browser shifting. What happens if developers ignore incompatibilities of browsers?   **(8)**

Q.5 a. Explain three built in window types that can be used from application code.**(8)**

b. How are Floating logos implemented in Java Script?   **(8)**

Q.6 a. With the help of a skeleton code, explain the concept of PERL.   **(8)**

b. What are control structure in PERL?   **(8)**

Q.7 a. What are cookies? What can they do for developer?   **(8)**

b. Explain PERL DBI though a diagram.   **(8)**

Q.8 a. How to use multiple source files in PHP? Explain with examples.   **(8)**

b. What are advantages of PHP sessions? How is a PHP session created?   **(8)**

Q.9 a. What is XML and describe its utility? Design an XML page showing current date and time.   **(8)**

b. What is an Entity in XML? Demonstrate its use through an example.   **(8)**