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, 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)**

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b. Explain the concept of Browser shifting. What happens if developers ig... 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)**