ROLL NO.	

Code: AC75/AT75 Subject: INTERNET APPLICATIONS

AMIETE - CS/IT

Time: 3 Hours **JUNE 2014**

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 Cl	hoose the correct or the best alternative in the following:	(2:	× 1	0)
--------	---	-----	-----	---	---

- a. Which of the following identifies the application to which a message arriving from the internet should be given?
 - (A) Protocol

(B) Port Number

(C) Domain

- (D) Hop Count
- b. Which sequence of HTML tags are correct?
 - (A) <html><head><title></title></head><body></body></html>
 - (B) <html><head></head><body><title></<title></body></html>
 - (C) <html><head><title></<title><body></body></head></html>
 - (**D**) <html><title></title><head></head><body></body></html>
- c. <script type="text/javascript">

x=4+"4";

document.write(x);

</script>

The output of the code given is:

(A) 44

(B) 8

(C) 4

- **(D)** Error in the output
- d. What property would you use to redirect a visitor to another page?
 - (A) document.URL
- **(B)** window.location.href
- (C) .document.location.href
- (**D**) link.href
- e. PHP is a widely used _____scripting language that is especially suited for web development and can be embedded into html
 - (A) Open source general purpose
- (B) Proprietary general purpose
- (C) Open source special purpose
- (**D**) Proprietary special purpose

ROLL NO.	

Code: AC75/AT75

Subject: INTERNET APPLICATIONS

	f.	When you need to obtain the ASCII value of a character, which of the following function you apply in PHP?		
		(A) chr(); (C) ord();	(B) asc(); (D) val();	
	g.	Which of the following method send	Is input to a script via a URL?	
		(A) Get (C) Both	(B) Post (D) None	
	h.	The main difference between PHP a	nd Perl is that	
		 (A) Perl runs slower than PHP. (B) Perl is a server-side technology (C) PHP embeds the script into the (D) Only PHP can be used to display 	HTML code whereas Perl scripts print	HTML.
	i.	Comment in XML document is give	n by	
		(A) (C)	(B) ! (D)	
	j.	There is a way of describing XML d	ata, how?	
		 (A) XML uses a DTD to describe the (B) XML uses XSL to describe data (C) XML uses a description node to (D) Both (A) and (C) 	ı	
		Answer any FIVE Questions Each question car	<u>-</u>	
Q.2	a.	How can a movie be inserted into ar	HTML document? Give example.	(6)
	b.	Write a HTML code to create radio	buttons and a submit button.	(6)
	c.	What is XHTML Modularization? V	Vhy is it required?	(4)
Q.3	a.	Write a CSS code to create sections with "Section 1", "1.1", "1.2", etc.	and to number the sections and sub-sec	etions (6)
	b.	Give an example to explain CSS syr	ntax and comments.	(4)
	c.	Explain the background properties in	n CSS. Give examples of each property	·.(6)
Q.4	a. b.	confirm box to display a custom me continue viewing the page or click C	Script. Write a code in JavaScript to crossage telling users that they can click Cancel to go to the homepage. ipt when a user changes the content	OK to (8)

ROLL NO.	
HOLL HO.	

Code: AC75/AT75

0.5

Subject: INTERNET APPLICATIONS

b. Write the JavaScript code to display messages in the status bar when the mouse is moved over a link.

(8)

a. Write a code to add and remove HTML elements dynamically with JavaScript.

- Q.6 a. Briefly explain and give syntax for any five PERL functions that operate an arrays of data. (10)
 - b. Explain the concept of nested data structures with an example in PERL. (6)
- Q.7 a. Give a code in PERL to explain the GET and POST methods. Explain how information is passed to a CGI program by POST method. (8)
 - b. Give a procedure in CGI PERL to perform the following methods:
 - (i) Set up Cookies
- (ii) Retrieve Cookies
- **(8)**
- Q.8 a. How to declare data types in PHP? Explain with examples of syntax and usage. (8)
 - b. What do you understand about Numeric array, Associative array and Multidimensional array in PHP? Give examples. (8)
- **Q.9** a. Explain the following terms in XML:
 - (i) Prolog
 - (ii) Entity
 - (iii) Parser

- (9)
- b. Give an example which shows XML document has a reference to an XML Schema. (7)