

Time: 3 Hours

DECEMBER 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 Choose the correct or the best alternative in the following: (2×10)

- a. In HTML, tag names are _____, and in XHTML they're _____.
- (A) case sensitive, case insensitive
(B) case insensitive, case sensitive
(C) case sensitive, case sensitive
(D) case insensitive, case insensitive
- b. How to display the hyperlinks without an underline?
- (A) a {underline: hidden;}
(B) a {text-decoration: none;}
(C) a {text-decoration: no-underline;}
(D) a {decoration: hidden;}
- c. The _____ specifies whether a border should be solid, dashed line, dotted line, double line, groove etc.
- (A) border-layout (B) border-decoration
(C) border-style (D) border-weight
- d. Which of the following is not a valid JavaScript variable name?
- (A) 2names (B) FirstAndLast
(C) _first_and_last_names (D) None of these
- e. _____ method evaluates a string of JavaScript code in the context of the specified object.
- (A) Eval (B) ParseFloat
(C) ParseInt (D) Efloat

- f. The acronym SCGI stands for:
- (A) Strong Common Gateway Interface
 (B) Simple Common Gateway Interface
 (C) Solid Common Gateway Interface
 (D) Static Common Gateway Interface
- g. Which of the following is not the scope of variables in PHP?
- (A) local (B) global
 (C) extern (D) static
- h. Which of the following DBMSs do not have a native PHP extension?
- (A) MySQL (B) IBM DB/2
 (C) PostgreSQL (D) None of these
- i. Output of XML document can be viewed in a
- (A) Word Processor (B) Notepad
 (C) Excel (D) Web browser
- j. Variable %myvar is
- (A) Array variable (B) Hash variable
 (C) Scalar variable (D) Vector variable

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

- Q.2** a. Write the HTML code for the following table: **(6)**

Firstname	Lastname	Points
Jill	Smith	50
Eve	Jackson	94
John	Doe	80

- b. Write the HTML code to accomplish the web page: **(4)**
- (i) Insert the frame extending 300 pixels across the page from left side.
 (ii) Insert an image onto a page using good.gif as image and having “welcome” as the ALT text.

- c. Explain using suitable examples, the Syntactic differences between HTML and XHTML? (6)
- Q.3** a. What is the use of embedded style sheets? Create an embedded style sheet containing four styles. Describe the output. (8)
- b. What do you mean by paged media? How CSS2 styles for paged media? Explain using appropriate syntax/code. (8)
- Q.4** a. What are advantages of dynamic HTML (DHTML)? Briefly describe various components of DHTML. (8)
- b. What are the governing rules for forming name of JavaScript variable? JavaScript has four types of data, discuss about them. (8)
- Q.5** a. Write a JavaScript function that checks when submitted if the form data has the general syntax of an email. (8)
- b. Write a script to place your logo on your Web site in such a way that it floats on the page as the user scrolls up and down. (8)
- Q.6** a. Is there a difference between an undefined array variable and an array variable containing the empty list? Write a PERL program that count the number of words in the standard input file. (8)
- b. What are nested subroutines? Can it is used in PERL? Write an example program that demonstrates use of nested subroutines in PERL. (8)
- Q.7** a. In addition to the required name=value pair, each cookie has several optional attributes. Explain any four of these. (8)
- b. For what purpose HTML::Mason is used? Explain how to install HTML::Mason. Write a code in HTML::Mason to print the date today. (8)
- Q.8** a. Explain how can you track users on the internet using PHP. (8)
- b. Using suitable PHP code, explain how can you create a table in a database. (8)
- Q.9** a. What do you mean by DTD? How elements and attributes are specified in DTD? Explain with examples. (8)
- b. What is XML::Parser? Give an overview of the same. Write a PERL program that demonstrate any one of XML::Parser's capabilities. (8)