

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. Who developed HTML?

- (A) WWW
(C) AT&T

- (B) W3C
(D) Bell

b. We send and receive HTML file using which protocol?

- (A) SMTP
(C) HTTP

- (B) POP3
(D) FTP

c. 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>

d. There are how many "browser safe colors"

- (A) 16 million
(C) 128

- (B) 256
(D) 12

e. The <small> and <big> tags are special in what way ?

- (A) They can be repeated
(C) They are for images only

- (B) They work on anything
(D) None of these

f. Banners, buttons, dividers, clipart and other simple images usually work best as?

- (A) fonts
(C) jpg

- (B) gif
(D) bmp

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- g. An array is prefixed with the following symbol in PERL:
- (A) \$ (B) #
(C) @ (D) All of these
- h. Which command we use to add an Image?
- (A) <image src="url"> (B)
(C) <src img="url"> (D)
- i. What is the REFRESH meta tag used for?
- (A) Refresh your keywords (B) Allow search engines to relist your page
(C) Redirect to a new domain (D) None of these
- j. What is correct syntax for SSI to include server header.html?
- (A) <!--#include file="hreader.html" -->
(B) <!--#include path="hreader.html" -->
(C) <!--#include url="hreader.html" -->
(D) <!--#include uri="hreader.html" -->

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

- Q.2** a. With an example show text formatting in HTML. (8)
- b. Write and explain the general structure of an HTML document. Give an example. (8)
- Q.3** a. Explain Javascript rollover facility. Write and explain HTML page for the rollover. (8)
- b. Design a stylesheet to embed or place an audio file at a desired location on HTML page. (8)
- Q.4** a. Which are the three parts of style sheets and how do you set them up? (8)
- b. What are pseudo classes? List and explain different types of pseudo classes?(8)
- Q.5** a. Explain the variables and data types of JavaScript. Also outline the structure of a JavaScript program. (8)
- b. Explain different types of data validation procedures in JavaScript. (8)
- Q.6** a. Write a program in Perl to display the elements of a linked list. Give suitable comments and explain functions used in it. (8)

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- b. Give syntax, example and explanation of following functions in Perl which operate on arrays:
Join(), Splice() (8)
- Q.7** a. Write notes on the following:
(i) cgi.pm (ii) cookies (8)
- b. Explain the methods of tracking the users with hidden data. (8)
- Q.8** a. Explain how do you create inline PHP? (8)
- b. Explain the following core functions of PHP: eval, die, unset, getdate. (8)
- Q.9** a. Give example and meaning of any four control characters in DTD. (8)
- b. What is parsing? Describe XML parsers. (8)