

Code: DC71

Subject: INTERNET APPLICATIONS

DiplETE – CS

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 (B) W3C
(C) AT&T (D) Bell

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

- (A) SMTP (B) POP3
(C) HTTP (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 (B) 256
(C) 128 (D) 12

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

- (A) They can be repeated (B) They work on anything
(C) They are for images only (D) None of these

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

- (A) fonts (B) gif
(C) jpg (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: (8)
(i) cgi.pm (ii) cookies
- 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)