NCC EDUCATION

INTERNATIONAL DIPLOMA
IN
COMPUTER STUDIES

DEVELOPING A WEBSITE

September 2008 – Local Exam

SECTION A
Answer all questions from this section.

SECTION B
Answer any 2 questions from this section.

Time: 2 hours

Clearly cross out surplus answers.

Failure to do this in Section B will result in only the first two answers being marked.

Any reference material brought into the examination room must be handed to the invigilator before the start of the examination.

SECTION A
ANSWER ALL QUESTIONS IN THIS SECTION

Marks

QUESTION 1
Distinguish between the World Wide Web and the Internet.   4

QUESTION 2
a) Explain what is meant by a Web Server.   2
b) What is a Host?   2

QUESTION 3
Identify the various parts of the following URL: 4

http:// www. nccedu.com /course /webdesign.html

(a)   (b)   (c)   (d)
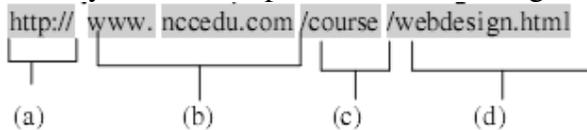
QUESTION 4
Why do you think the maximum number for each part of a dotted quad address is
255?   4

QUESTION 5
What HTML tags would you use to create a selection list with a field named module
and with the options Web Design, Java and Networking?   4

QUESTION 6
State FOUR reasons for integrating documents with cascading style sheets.   4

QUESTION 7
Describe the TWO methods used to send data from a form to a CGI script on the server and explain the circumstances when each method should or shouldn't be used.   4

QUESTION 8
What are the TWO main sections of an HTML file?   4

QUESTION 9
What does JPEG stand for? List THREE reasons for using the JPEG image format instead of the GIF format.   4

QUESTION 10
What are the differences between credit cards and debit cards?   4

Total 40 Marks

QUESTIONS CONTINUE ON NEXT PAGE

Marks

QUESTION 11

A) Write html code for the table shown below: 6

Student Result		
Name	Roll	Marks
Anis	001	88

B)

i) Explain the difference between inline styles, embedded styles and external style sheets.   6

ii) Which would you use to create a style for an entire web site?   2

C)

i) Write a CSS rule that make all level 2 headings have text of font size 200px with a fantasy font red colored and align to right.   6

ii) Write a CSS external style sheet file (content.css) that makes all text font size 12, sets the text to Times New Roman and colours the font red. Create a webpage that includes some text, which refeneces this external style sheet.   10

Total 30 Marks

QUESTION 12

A) What are the features that a good website might have?   6

B) Distinguish between Circuit Switched Network & Packet Switched Network.   8

C) UDP does not guarantee reliable communication, but it is still used in many situations. Try to think of some circumstances where UDP might be appropriate.   6

D) Identify FOUR types of web-related programming, markup and related languages that are widely used in developing website.   10

Total 30 Marks

QUESTIONS CONTINUE ON NEXT PAGE

QUESTION 13

A) Name FOUR commonly supported form controls.   4

B) What does the action attribute in the <form> element contain?   2

C) Write the HTML code that produces the following Web page.   15
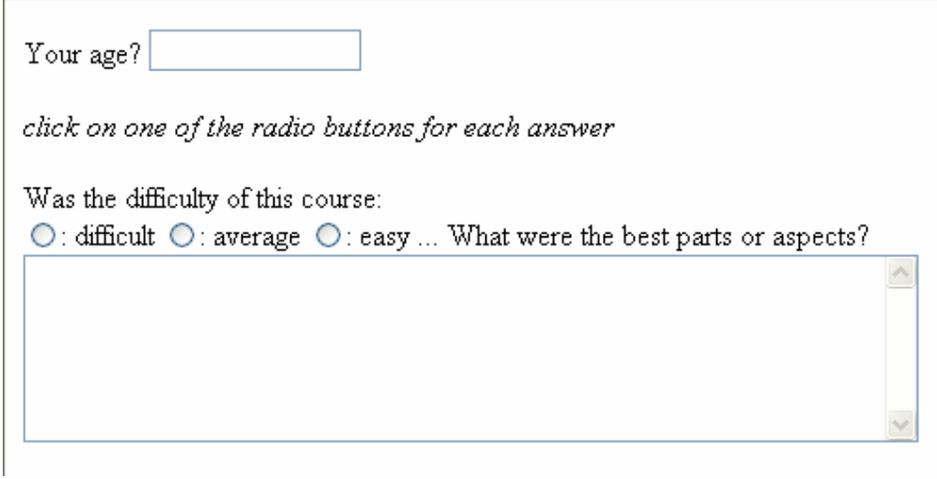
Your age? [   ]

click on one of the radio buttons for each answer

Was the difficulty of this course:
○ : difficult ○ : average ○ : easy ... What were the best parts or aspects?
[   ]

D) Differentiate between a relative URL and an absolute URL. Give an example of each to illustrate your answer.   6

E) What is VoIP?   3

<center>END OF PAPER</center>