

SOUTH EASTERN UNIVERSITY OF SRI LANKA

**THIRD EXAMINATION IN BACHELOR OF BUSINESS ADMINISTRATION / BACHELOR
OF COMMERCE – 2007/2008
SEMESTER – II, AUGUST/SEPTEMBER 2009**

MIS 3209 – WEB BASED APPLICATIONS

Answer **all** questions.

Time: 03 hours

01.

a) Expand the following acronyms

- i) JWS
- ii) FTP
- iii) VRML
- iv) PHP
- v) JSP

(05 Marks)

b) Identify each of the following as either element or attribute

- i. SCRIPT
- ii. TYPE
- iii. ALIGN
- iv. BR
- v. A
- vi. SRC
- vii. SIZE
- viii. FRAME
- ix. BGCOLOR
- x. TABLE

(05 Marks)

c) How are lists valuable in a web page?

(05 Marks)

a) What were the steps you used in creating a link within your document to a local file?

(03 Marks)

b) What steps did you use to create a link which displayed any type of image in an external window?

(02 Marks)

c) What steps did you take for creating an anchor link to the NASA Web Site?

(05 Marks)

02.

a) What are Client Site Script and Server Site Script? Discuss its Advantages and Disadvantages? Give examples to support your answer?

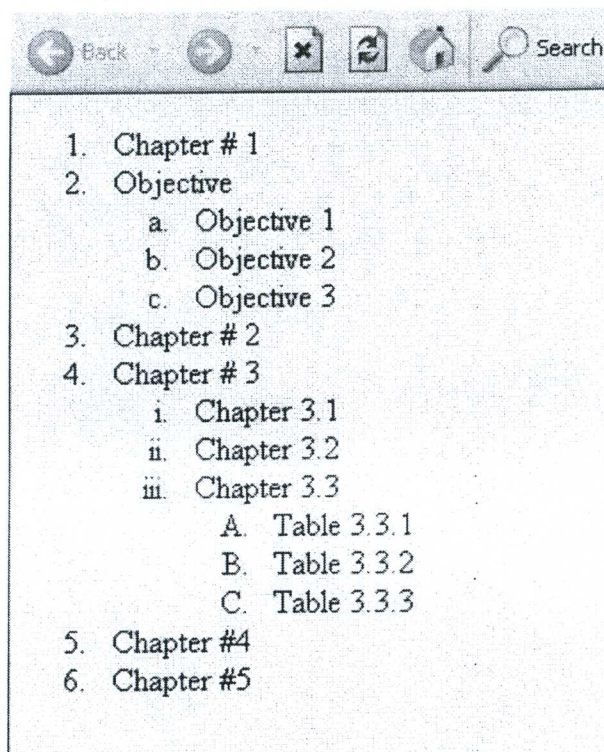
(05 Marks)

b) Briefly explain the following terms

- i. Web Client
- ii. Web Server
- iii. Computer Virus
- iv. Important of META TAG
- v. Domain Name

(2X 5 Marks)

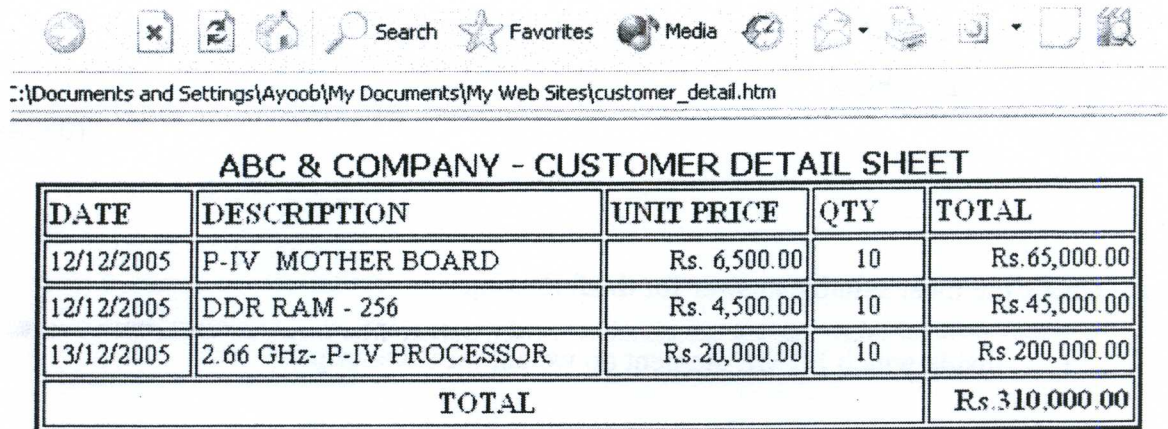
c) Write the HTML code that produces the following Web page on your browser.



(05 Marks)

03.

a) Write the HTML code that produces the following Web page on your browser.



The screenshot shows a web browser window with a toolbar containing icons for back, forward, search, favorites, and media. The address bar displays the path: :::\Documents and Settings\Ayoob\My Documents\My Web Sites\customer_detail.htm. The main content area contains a table with the following data:

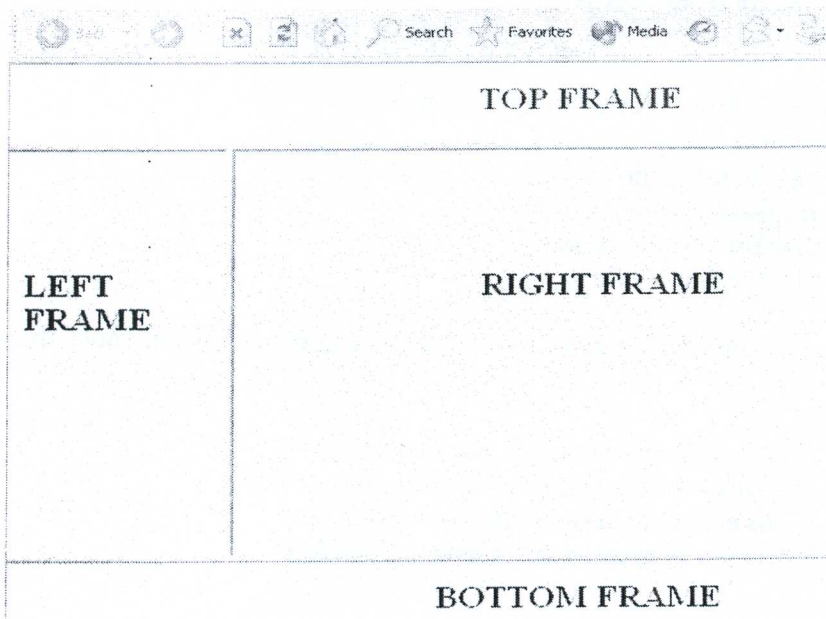
DATE	DESCRIPTION	UNIT PRICE	QTY	TOTAL
12/12/2005	P-IV MOTHER BOARD	Rs. 6,500.00	10	Rs.65,000.00
12/12/2005	DDR RAM - 256	Rs. 4,500.00	10	Rs.45,000.00
13/12/2005	2.66 GHz- P-IV PROCESSOR	Rs.20,000.00	10	Rs.200,000.00
TOTAL				Rs.310,000.00

(05 Marks)

b) What are the advantages of adding frames in web sites?

(05 Marks)

c) The output below is a HTML page with frames. Study the figure carefully and write the HTML code, which generates the web page given below. Name of the files displayed in the **four (04)** frames and they are Top_Frame.html, Left_Frame.html, Right_Frame.html, and Bottom_Frame.html.



(05 Marks)

d) Briefly explain the characteristics of the following image types

- i. GIF
- ii. JPEG

(05 Marks)

04.

a) Check the most suitable answer for the following

i. Inside which HTML element do we put the JavaScript?

1. `<script>`
2. `<javascript>`
3. `<scripting>`
4. `<js>`

ii. Where is the correct place to insert a JavaScript?

1. Both the `<head>` section and the `<body>` section are correct
2. The `<head>` section
3. The `<body>` section
4. The `<Table>` section

iii. What is the correct syntax for referring to an external script called "xxx.js"?

1. `<script name="xxx.js">`
2. `<script src="xxx.js">`
3. `<script href="xxx.js">`
4. `<script type="xxx.js">`

iv. How do you write "Hello World" in an alert box?

1. `alertBox="Hello World"`
2. `msgBox("Hello World")`
3. `alertBox("Hello World")`
4. `alert("Hello World")`

v. What is the correct JavaScript syntax to insert a comment that has more than one line?

1. `/*This comment has more than one line*/`
2. `<!--This comment has more than one line-->`
3. `//This comment has more than one line//`
4. `&&This comment has more than one line&&`

(05 Marks)

- b) GLOBAL TECH is paying to its employee: Interim Allowance 40% on Basic salary, if the Basic Salary is greater than Rs.15000 other wise 20% is paid as Interim Allowance. House rental allowance 5% is paid if the basic salary greater than Rs. 25000, otherwise 3% is paid. Income tax is paid at rate of 10%, if the basic salary is exceeded Rs. 30,000. Develop a program using JavaScript to input basic salary and to calculate Gross Pay and Net Pay as output.

(15 Marks)

- c) A Commercial bank announces a special Annual Bonus for its customers based on their Balance Amount and Gender available. (Refer the table given below for more information.)

Balance Amount	Bonus	
	Male	Female
<=15000	15%	20%
>15000	25%	30%

Considering the above information you are requested to write a program in JavaScript to input the following information Customer Name, Account No, Balance and Gender, and you are requested to Total amount available after bonus calculation as output at run time.

(15 Marks)