

**SOUTH EASTERN UNIVERSITY OF SRI LANKA**  
**BACHELOR OF BUSINESS ADMINISTRATION & COMMERCE EXAMINATION – 2005/2006**  
**THIRD YEAR, SEMESTER – II, APRIL 2007**

**MIS 3209 – WEB BASED APPLICATION**

Answer **all** Questions.

Time: 03 hours

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**01)**

**a)** Expand the following acronyms

- i. SQL
- ii. PHP
- iii. JSP
- iv. XHTML
- v. SMTP

**(05 Marks)**

**b)** What are the important factors to be considered when designing and creating a web site?

**(05 Marks)**

**c)** How are lists valuable in a web page?

**(02 Marks)**

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

**(02 Marks)**

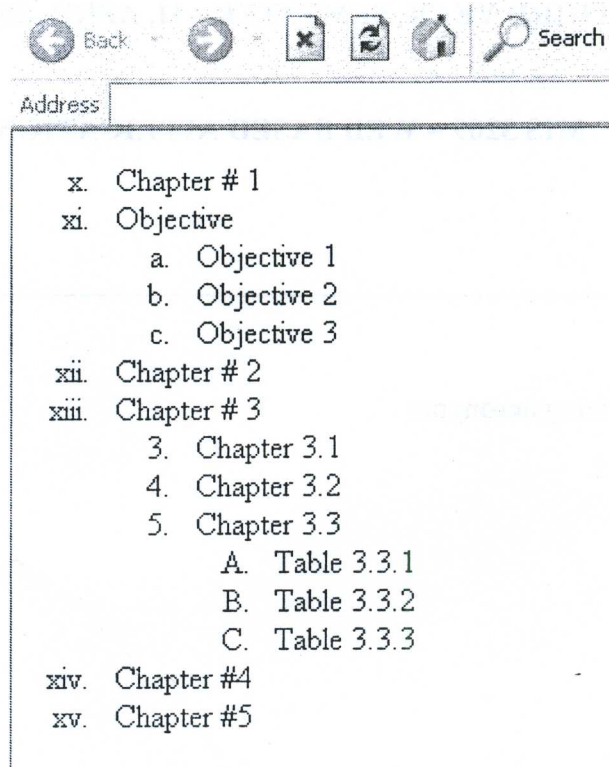
**e)** What steps did you use to create a link which displayed any type of image in an external window?

**(02 Marks)**

**f)** What steps did you take for creating an anchor link to the NASA Internet Site?

**(02 Marks)**

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



**(07 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. Usage of Telnet
- v. Importance of META Tags

**(10 Marks)**

c) What is the difference between a GIF animation file and a GIF image file?

**(02 Marks)**

d) What is the HTML code to place a GIF animation in a web page?

**(03 Marks)**

03)

a) How are forms used?

(02 Marks)

b) Where have you seen and used a web form?

(02 Marks)

c) What is the structure of a web page to create a form?

(02 Marks)

d) How can you make a form send its data to you by e-mail?

(04 Marks)

e) Write the **JavaScript** code that produces the following Web page on your browser.



**ABC & COMPANY - CUSTOMER DETAIL SHEET**

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
<b>TOTAL</b>				<b>Rs.310,000.00</b>

(10 Marks)

04)

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

(04 Marks)

b) What are the purposes of the `<FRAMESET...>` and `<FRAME...>` tags?

(02 Marks)

c) What are the differences between Java and JavaScript?

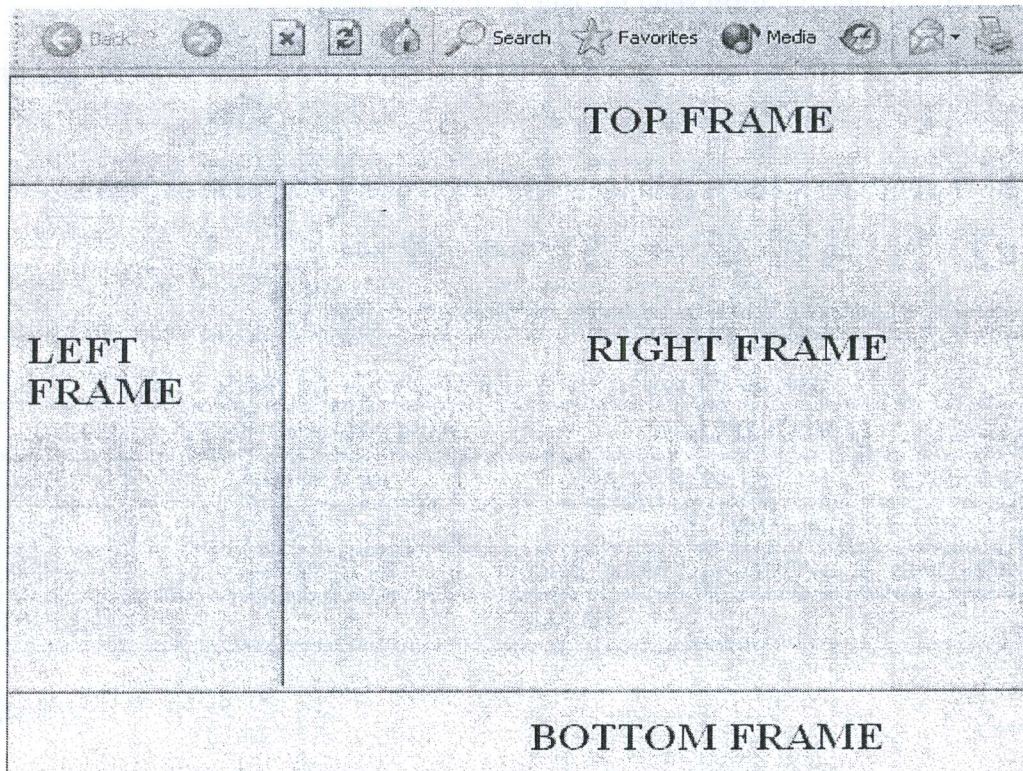
(02 Marks)



d) Why do we place JavaScript functions in the <HEAD> . . </HEAD> of our HTML documents?

(02 Marks)

e) 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)

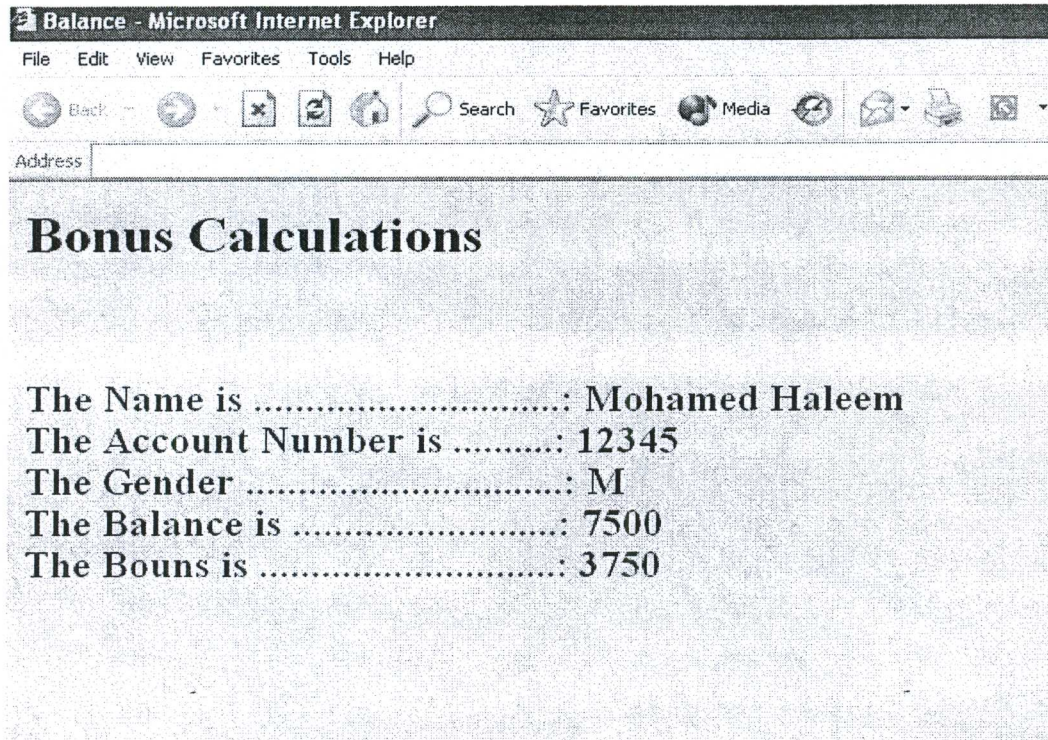
05)

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

Balance Amount	Bonus	
	Male	Female
<=10000	25%	35%
<5000	20%	30%



Considering the above information you are requested to write a program in **Javascript** to produce the following output.



*(15 Marks)*

b) Write a program in **JavaScript** to display **even number** from 2 to 100.

*(05 Marks)*