

SOUTH EASTERN UNIVERSITY OF SRI LANKA
THIRD EXAMINATION IN BACHELOR OF BUSINESS ADMINISTRATION
AND BACHELOR OF COMMERCE – 2009 / 2010
SEMESTER – II, FEBRUARY - 2012
MIS 3209 – WEB BASED APPLICATION

Answer **all** Questions.

Time: 03 hours

01)

a) A student has written the following HTML code.

```
<html>
<head>
    <title>MY Web site</title>
</head>
<body>
<p><a href="mailto:roja@hotmail.com">Click Me</a></p>
</body>
</html>
```

Identify the correct statement(s) in relation to above code.

- i. This code will cause the browser to crash.
 - ii. Hyperlink in this coding, when clicked, would open the default mail client.
 - iii. Hyper link would not work because of the <p> tag.
 - iv. There is no title for the produced web page.
- b) Which of the following statements is(are) correct in relation to cookies?
- i. It is a mechanism used by web servers to keep track of user requests.
 - ii. Users can configure the browser to accept cookies only from a given list of web sites.
 - iii. Users cannot block cookies.
 - iv. A cookie is a character string that a web server sends to a web browser.
- c) Consider the code snippet given below.

```
<HTML>
<BODY>
    &lt; H1 &gt; Hello BIT &lt; H1 &gt;
</BODY></HTML>
```

Which of the following is/are correct in relation to the above code snippet?

- i. Hello BIT is displayed as the output with H1 font.
- ii. Hello BIT </HTML> ; is displayed as the output with H1 font.
- iii. </HTML> ; is displayed as the output with default font.
- iv. <H1> Hello BIT <H1> is displayed as the output.

d) PHP is a widely used scripting language that is especially suited for web development and can be embedded into html.

- i. Open source general purpose
- ii. Proprietary general purpose
- iii. Open source special purpose
- iv. Proprietary special purpose

e) Which of the following is not true?

- i. PHP can be used to develop web applications.
- ii. PHP makes a website dynamic.
- iii. PHP applications can not be compiled.
- iv. PHP can not be embedded into html.

f) A variable \$word is set to "SEUSL OLUVIL", which of the following script returns in title case?

- i. echo ucwords(\$word)
- ii. echo ucwords(strtolower(\$word))
- iii. echo ucfirst(\$word)
- iv. echo ucfirst(strtolower(\$word))

g) Which of the following variables is not a predefined variable?

- i. \$get
- ii. \$test
- iii. \$request
- iv. \$post

h) Study following steps and determine the correct order

- (1) Open a connection to MySql server
- (2) Execute the SQL query

- (3) Fetch the data from query
- (4) Select database
- (5) Close Connection

- i. 1, 4, 2, 3, 5
- ii. 4, 1, 2, 3, 5
- iii. 1, 5, 4, 2, 1
- iv. 4, 1, 3, 2, 5

i) Which of the following delimiter is ASP style?

- i. <\$ \$>
- ii. <% %>
- iii. <? ?>
- iv. <script language="php"> </script>

j) If a boolean variable \$ alive= 5;

- i. \$ alive is false
- ii. \$ alive is true
- iii. \$ alive is overflow
- iv. None of the above

(1.5 X 10= 15 Marks)

02)

a) How forms are useful in web pages? give an example to support the answer.

(5 Marks)

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

(03 Marks)

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

Address

- x. Chapter # 1
- xi. Objective
 - a. Objective 1
 - b. Objective 2
 - c. Objective 3
- xii. Chapter # 2
- xiii. Chapter # 3
 - 3. Chapter 3.1
 - 4. Chapter 3.2
 - 5. Chapter 3.3
 - A. Table 3.3.1
 - B. Table 3.3.2
 - C. Table 3.3.3
- xiv. Chapter #4
- xv. Chapter #5

(07 Marks)

03)

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. XAMPP
- ii. Importance of META Tags

(05 Marks)

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

(05 Marks)

d) Briefly explain the following terms

- i. Web Client
- ii. Web Server
- iii. Domain Name
- iv. SMTP
- v. .JPEG vs .PNG

(15 Marks)

04)

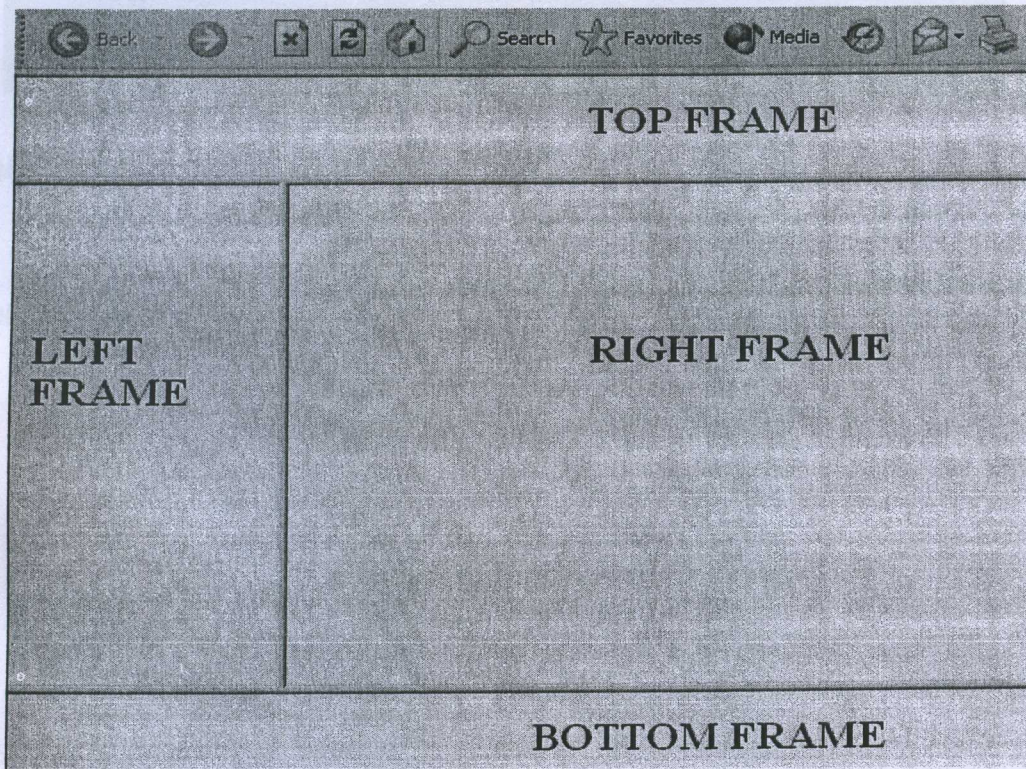
a) Write the JavaScript code that produces the following Web page on your browser.

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
TOTAL				Rs.310,000.00

(10 Marks)

b) 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.



(08 Marks)

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

(02 Marks)

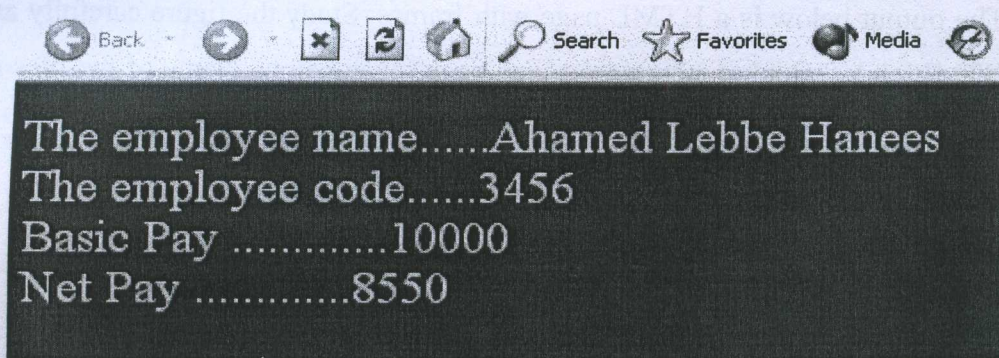
05)

- a) Study the *Figure* and *Hints* carefully and write the PHP Coding to generate the following output given below at run time.

Hints

CLA=10% on basic salary
Loan =5% on basic salary
House rental=3% on basic salary
Gross Pay= Basic Salary + allowance-deduction
Tax=5% on Gross Pay
Net Pay=Gross pay-tax

Output



(15 Marks)

- b) Write a program in PHP to display **Odd number** from 1 to 100.

(05 Marks)