



**UNIVERSITI TEKNOLOGI MARA
FINAL EXAMINATION**

COURSE	:	WEB APPLICATION DEVELOPMENT / INTERNET PROGRAMMING
COURSE CODE	:	CSC318/317
EXAMINATION	:	DECEMBER 2018
TIME	:	3 HOURS

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of three (3) parts :
PART A (25 Questions)
PART B (4 Questions)
PART C (1 Question)
2. Answer ALL questions from all three (3) parts :
 - i) Answer PART A in the Objective Answer Sheet.
 - ii) Answer PART B and C in the Answer Booklet. Start each answer on a new page.
3. Do not bring any material into the examination room unless permission is given by the invigilator.
4. Please check to make sure that this examination pack consists of :
 - i) the Question Paper
 - ii) an Answer Booklet – provided by the Faculty
 - iii) an Objective Answer Sheet – provided by the Faculty
5. Answer ALL questions in English.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO

This examination paper consists of 14 printed pages

PART A (50 MARKS)

1. Which of the following is the correct HTML tag to comment in HTML?
A <!/ and //>
B <!-- and -->
C <!# and ##>
D <!% and %%>
2. Each cell of the table can be represented by using _____.
A <tr>
B <td>
C <th>
D <thead>
3. Which of the following is **NOT** the element associated to HTML table layout?
A size
B spanning
C alignment
D color
4. Which of the following is the smallest size heading?
A <heading>
B <h6>
C <h1>
D <head>
5. Marquee is a tag in HTML to _____.
A mark the list of items to maintain queue
B mark the text so that it is hidden in browser
C display text with scrolling effect
D none of the above
6. Which attribute is used with tag to display the text if the image could not load in browser?
A description
B name
C alt
D id

7. `<p>` tag is used to_____.
- A start a new paragraph
 - B break the line
 - C end the current paragraph
 - D None of the above
8. Choose the correct HTML code to create an email link?
- A ``
 - B ``
 - C `<mail>admin@uitm.edu.my`
 - D `mailhref=admin@uitm.edu.my"`
9. Which is the correct tag to create a numeral list?
- A `<ul type="1">`
 - B `<ol type="1">`
 - C `<il type="1">`
 - D `<li type="1">`
10. Why should all elements in HTML form be encapsulated within `<form>...</form>` markup tag?
- A The elements will be saved in HTML form
 - B The elements will be sent to server
 - C The elements will be processed in real time
 - D All of the above
11. Which of the following protocols is used to transfer file from a client computer to a server over TCP/IP connection?
- A HTTP
 - B SMTP
 - C SIP
 - D FTP
12. Which of the following statements prints in PHP?
- A Out
 - B Write
 - C Echo
 - D Display

13. What will be the output of the following PHP code?

```
<?php  
$a = 7;  
$b = 7;  
echo ($a === $b);  
?>
```

- A 7===7
- B Error
- C 1
- D False

14. What will be the output of the following PHP code?

```
<?php  
$num = 10;  
echo 'What is her age? \n She is $num years old';  
?>
```

- A What is her age? \n She is \$num years old
- B What is her age?
She is \$num years old
- C What is her age? She is 10 years old
- D What is her age?
She is 10 years old

15. What will be the output of the following PHP code?

```
<?php  
$total = "25 apple";  
$more = 10;  
$total = $total + $more;  
echo "$total";  
?>
```

- A Error
- B 35 apple
- C 35
- D 25 apple

16. Which of the following is/are the correct way(s) of creating an array in PHP?

- i. `state[0] = {"melaka"};`
- ii. `$state[] = array("melaka");`
- iii. `$state[0] = "melaka";`
- iv. `$state = array("melaka");`

- A iii. and iv.
- B ii. and iii.
- C i.
- D ii., iii. and iv.

17. Why is session significant in server scripting language?

- A The system stores user identification to utilize account permission.
- B The system uses session to send a query or command to a database connection.
- C The system uses session to send data to the client's web-browser.
- D The system creates and retrieves cookie values.

18. What will be the output of the following PHP code?

```
<?php
$names = array("Aisy", "Hadif", "Hafiy");
echo $names[0] . "is the brother of " . $names[1] . " and " . $names[1] . ".";
?>
```

- A Aisy is the brother of Hadif and Hafiy
- B Aisy is the brother of Hadif and Hadif
- C Aisy is the brother of Hafiy and Hadif
- D Error

19. What will be the output of the following PHP code?

```
<?php
$i = 0
do
{ $i++; }
while ($i < 3);
print $i;
?>
```

- A 2
- B 3
- C 0
- D 1

20. What will be the output of the following PHP code?

```
<?php
$x;
if ($x == 0)
    print "hi" ;
else
    print "how are u";
print "hello"
?>
```

- A how are uhello
 - B hihello
 - C hi
 - D no output
21. Which method is NOT used for converting variables to number in JavaScript?
- A parseInt()
 - B Number()
 - C parseFloat()
 - D valueOf()
22. What is the correct JavaScript syntax to write "Hello World"?
- A System.out.println("Hello World");
 - B println ("Hello World");
 - C document.write("Hello World");
 - D response.write("Hello World");
23. What will be the output of the following JavaScript code?

```
<script type ="text/javascript">
var x=7+"7";
document.write(x);
</script>
```

- A 77
- B 14
- C 7
- D Error output

24. What will be the output of the following JavaScript code?

```
<script>
  var a = 10;
  var b = 3;
  var c = a % b;
  document.write(c);
</script>
```

- A 0
- B 1
- C 2
- D 3

25. Consider the following code snippet:

```
var a = [1,2,3,4,5];
a.slice(0,3);
```

What is the possible output for the above code snippet?

- A Returns [1,2,3].
- B Returns [4,5].
- C Returns [1,2,3,4].
- D Returns [1,2,3,4,5].

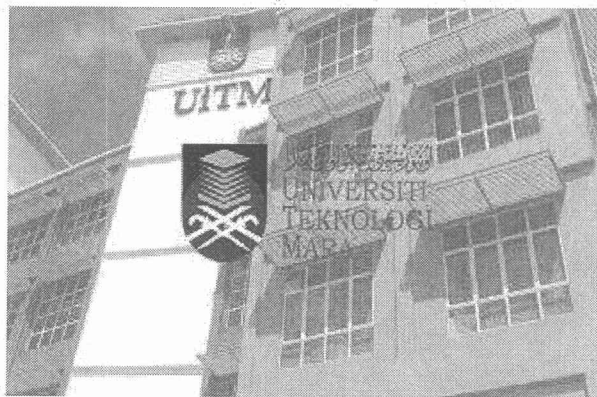
PART B (20 MARKS)**QUESTION 1**

Write the HTML code to produce the following output.

- Given the image name is uitm.jpg
- Set the size of the image to 350x200.
- When user clicks the image, it will open www.uitm.edu.my

(7 marks)

Welcome to UiTM



Click this picture to link to www.uitm.edu.my

Universiti Teknologi MARA		
Campus	Jasin	Rector
	Merbuk	
	Dungun	
Contact Us: admin@uitm.edu.my		

QUESTION 2

From the output below, write the appropriate HTML code.

Ingredients**A. PANCAKES**

1. 1 cup all-purpose flour
2. 2 tbsp sugar
3. 1 tsp baking powder
4. 1 tsp baking soda
5. dash fine salt
6. 1 large egg

B. BLUEBERRY SYRUP

- 1/2 cup pure maple syrup
- 1/4 cup light brown sugar
- 1 cup fresh blueberries
- 1/2 tsp ground cinnamon

(3 marks)

QUESTION 3

Examine the following code segments and draw the appropriate output:

```
<html>
<head>
<title> Part B </title>
</head>
<body>
<script type="text/javascript">
var count=0;
while(count<10)
{
++count;
if((count%5==0))
break;
else
document.write("count="+count+"<br>");
}
document.write("While loop exited");
</script>
</body>
</html>
```

(5 marks)

QUESTION 4

Examine the following code segments and draw the appropriate output:

```
<html>
<head>
  <title>Question 2018</title>
</head>
<body>
  <script>
    var x = 10;
    function add () {
      var y = 20;
      var some = 0;
      for (var i = x; i < y; i++) {
        some = some + i;
        document.write(some + "<br> ");
      }
    }
  </script> <input type="button" value="submit" onclick="add()" />
</body>
</html>
```

(5 marks)

PART C (30 MARKS)**QUESTION 1**

ABC Restaurant wants to improve its service quality. IT department has been asked to develop a simple module to study consumers' feedbacks based on Figure 1. Therefore, the consumer is free to complain or give feedbacks about ABC restaurant, quality of foods, staff services and unfair treatments.

The details about your experience can be described as:

- I have a suggestion
- I had an unpleasant experience
- I had a wonderful experience

The details about ABC restaurant you are writing about consists of:

- Melaka
- Johor
- Selangor
- Negeri Sembilan
- Pahang

Please write code in HTML and PHP for the following processes:

- a) Produce a feedback form which has the following information:
- **File name:** consumerfeedback.php
 - **Form name:** consumerform
 - **action:** addconsumer.php
 - **method:** post

Note: Display the current date using PHP code.

(12 marks)



ABC Restaurant - Consumer Feedback

Welcome to the ABC Restaurant Customer Feedback Form. We want to hear from you! Please share your comments or concerns regarding any of ABC outlets in Malaysia.

This feedback form pertains to ABC restaurants in Malaysia

Details about your Experience

Select from List ▼

Please tell us which ABC restaurant you are writing about.

Select from List ▼

☐ Not about a specific ABC restaurant.

Date of Service:

2018-08-11

Your Feedback:

Salutation: ☒ Mr ☐ Mrs ☐ Ms ☐ Miss

Name:

Email Address:

Phone Number:

Send Feedback

Figure 1: Consumer Feedback Form

b) Write PHP code to create a connection and select the database based on the following information:

- **Page name:** dbconnect.php
- **Host:** localhost
- **Username:** abc
- **Password:** abc123
- **Database name:** db123

Show an error message if the connection is **NOT** successful.

(5 marks)

c) Using information in Figure 1 (consumerfeedback.php) and the connection to the database (dbconnect.php), store all the information into the Feedback table (Table 1). Show a message if the process is successful or unsuccessful.

(7 marks)

Table 1: Feedback Table

#Name	Type
experience	varchar(50)
branch	varchar(50)
branch_none	tinyint(1)
feeddate	date
feedrespond	varchar(100)
salutation	varchar(10)
name	varchar(20)
email	varchar(20)
phoneno	varchar(20)

- d) Suppose that Figure 2 displays the sample information from the system. Write PHP code to remove the data if the user clicks the link '*delete*' which will connect to the page '*deletefeedback.php?id=xx*'. Show appropriate message if the deletion is successful or unsuccessful.

id	experience	branch	date	Feedback comment	name	email	phoneno		
1	I have a suggestion	Melaka	2018-08-12	Add more space for car park	Najla	najla123@gmail.com	019-7777777	Edit	Delete
2	I had a wonderful experience	Johor	2018-08-12	The staf were very nice and helpful	Amri	am765@yahoo.com	017-5552515	Edit	Delete
3	I had an unpleasant experience		2018-08-12	The food served very late	Syaza	syaza@yahoo.com	017-352148	Edit	Delete

Figure 2: ViewFeedback.php.

(6 marks)

END OF QUESTION PAPER