



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2016/2017**

COURSE NAME : WEB PROGRAMMING
COURSE CODE : DAT 32403
PROGRAMME : 2 DAT
EXAMINATION DATE : DECEMBER 2016 / JANUARY 2017
TIME : 2 HOURS 30 MINUTES
INSTRUCTIONS : A) ANSWER ALL QUESTIONS.
B) ANSWER ALL QUESTIONS.
C) ANSWER ALL QUESTIONS.
D) ANSWER **THREE** (3)
QUESTIONS ONLY.

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THIS QUESTION PAPER CONSISTS OF **TEN (10)** PAGES

SECTION A

- Q1** Define the term World Wide Web (WWW).
- A. A collection of interlinked multimedia documents that is stored on the Internet and accessed using a common protocol (HTTP).
 - B. A physical network connecting millions of computers using the same protocols for sharing/transmitting information (TCP/IP).
 - C. Contents (text/links/images) that can be seen using browser.
 - D. A protocol used in developing a dynamic web portal.
- Q2** Computer needs to know in what format data should be stored. Different types of data take different amount of space. Identify which format is used for “**Compound Types**” data?
- A. Float
 - B. Array
 - C. Resource
 - D. Boolean
- Q3** What language is used to create webpage?
- A. SQL
 - B. UNIX
 - C. C++
 - D. HTML
- Q4** What does PHP stand for?
- A. Personal Hypertext Processor
 - B. PHP: Hypertext Preprocessor
 - C. Personal Home Page
 - D. Private Home Page



- Q5** Identify PHP syntax used to write multiple-line comment.
- A. `//.....`
 - B. `/* */`
 - C. `# #`
 - D. `/*.....`
- Q6** What is the correct way to end a PHP statement?
- A. `</php>`
 - B. New line
 - C. `.`
 - D. `;`
- Q7** What is the correct way to connect to a MySQL database?
- A. `dbopen("localhost");`
 - B. `mysql_connect("localhost");`
 - C. `connect_mysql("localhost");`
 - D. `mysql_open("localhost");`
- Q8** Which of the following represents the proper way to set a session variable?
- A. `$_SESSION['foo'] = 'bar';`
 - B. `session_start();`
 - C. `session_set_save_handler ('myopen', 'myclose', 'myread', 'mywrite', 'mydelete', 'mygarbage');`
 - D. `$foo = $_SESSION['foo'];`

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- Q9** What is the correct HTML for creating a hyperlink?
- A. `UTHM`
 - B. `<a>http://www.UTHM.edu.my`
 - C. ` UTHM`
 - D. ` UTHM`
- Q10** With SQL, how do you select a column named "FirstName" from a table named "Persons"?
- A. `SELECT FirstName FROM Persons`
 - B. `SELECT Persons.FirstName`
 - C. `EXTRACT FirstName FROM Persons`
 - D. `SELECT [all] FROM Persons`

(10 Marks)

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SECTION B

- Q11** The **OR** operator displays a record if **ANY** conditions listed are true.
The **AND** operator displays a record if **ALL** of the conditions listed are true.
- Q12** In PHP you can use both single quotes (' ') and double quotes (" ") for strings.
- Q13** When using the **POST** method, variables are displayed in the URL
- Q14** In SQL, **UPDATE** statement is used to update data in a database.
- Q15** The PHP syntax is most similar to Perl and C.
- Q16** HTML stand for "*Hyperlinks and Text Markup Language*"
- Q17** SQL stand for "*Structured Question Language*"
- Q18** In SQL, **SELECT** statement is used to extract data from a database.
- Q19** In SQL, **COLLAPSE** statement is used to delete data from a database
- Q20** **<bold>**is the correct HTML tag to make a text bold

(10 Marks)

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SECTION C

- Q21** (a) Define the meaning of dynamic websites. (2Marks)
- (b) Give **THREE (3)** differences between static and dynamic websites. (6Marks)
- (c) Give **TWO (2)** examples of client in dynamic website structure. (2 Marks)

Q22 Consider the following code segment:

```
<?php  
  
function writeMyName()  
{  
    echo "Zerry Khairi";  
}  
echo "Hello world!<br />";  
echo "My name is ";  
writeMyName();  
echo ".<br />That's right, ";  
writeMyName();  
echo " is my name."  
  
?>
```

- (a) Write the output to the PHP script above. (6Marks)
- (b) Describe the function of a Form in PHP above. (4Marks)
- Q23** (a) Define a process **A, B, C** and **D** in **FIGUREQ23**. (4Marks)
- (b) Describe your understanding on process **A, B** and **C** in **FIGUREQ23**. (6Marks)
- Q24** **FIGUREQ24** is a *feedback form* that contains a name, a comment text field, info web radio field and rating select field. Visitors can fill in the form and once they click the 'Submit' button, that data is sent to *feedback.php* for processing.

Write a HTML code to display a feedback form such as **FIGUREQ24**.

(20Marks)

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SECTION D

- Q25** (a) Define cookies. (4 marks)
- (b) Write basic syntax to set cookies within PHP. (2 marks)
- (c) Sessions store their identifier in a cookie in the client's browser. Every page that uses session data must be preceded by the **session function**.

Write syntax to start using session in your webpage. (4 marks)

- Q26** Construct a PHP script to handle the data sent to *feedback.php* based on **Q24** previously, and process it to display output such as in **FIGURE Q26**. PHP should display output in the same page as your feedback form. (10 marks)

- Q27** Jayajaya Sdn. Bhd. has been operating two month. They want to develop a web-based system for employee information. They are hiring you to develop the system using PHP and SQL. The company wants a system that can store employee no, name, address, phone and ic no. Assume that the database ip is **121.10.10.1** , database name is **Jayajaya** and table is **Employee**.

- (a) Write PHP code to connect with the database. (6 marks)
- (b) Construct a script to add record into Employee table (4 marks)

- Q28** Consider the following code segment:

```
<?php
$salary = array("Ahmad" => RM1200, "Rita" => RM3400, "Rizal" =>
RM10000);
foreach($salary as $name => $amount){
echo "<p>The salary of $name is $amount</p>";
}
?>
```

- (a) Write the output to the following PHP script above. (6 marks)



(b) Consider the following array statement:

\$transport = array (car, lorry, bicycle, van, airplane, trishaw, motorcycle)

Write a PHP code to display a sorted output of fruit array such as **FIGURE Q28 (b)**.

(4 marks)

Q29 File is a sequential collection of characters which can be manipulated. Usually computer use files for storing information. **FIGURE Q29**, the content for text file named “*welcome.txt*”.

Construct a PHP script to read character in a welcome.txt and display output such as **FIGURE Q29**.

(10 marks)

- END OF QUESTIONS-

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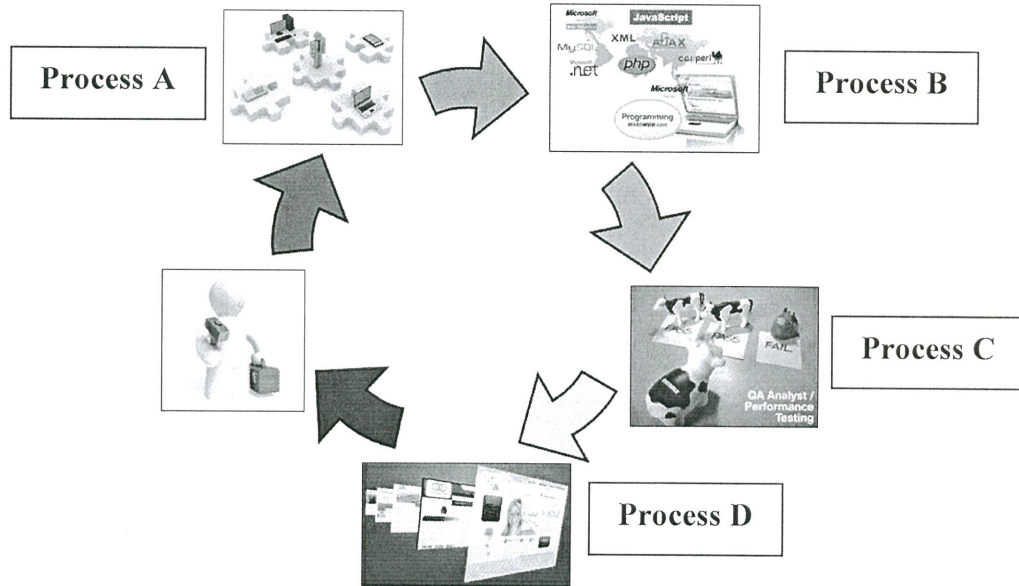


FIGURE Q23:

Feedback Form

Please fill out this form to help us improve our site

Name :

Comment :

How did you get to our site?:

Search Engine Link from another website Others

Rate our website :

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FIGURE Q24

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Fill in the form below to send us your comments

Name:

Email:

Comments:

Name : adia

Email : adia@gmail.com

Comments : Thanks for you support

OUTPUT

FIGURE Q26

airplane
bicycle
car
lorry
motorcycle
trishaw
van

FIGURE Q28 (b)

Selamat datang ke halaman utama saya!
Laman ini sesuai untuk orang-orang yang berminat dalam
bidang seni lukis.

FIGURE Q29

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