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Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
(ONLINE)
SEMESTER II
SESSION 2019/2020**

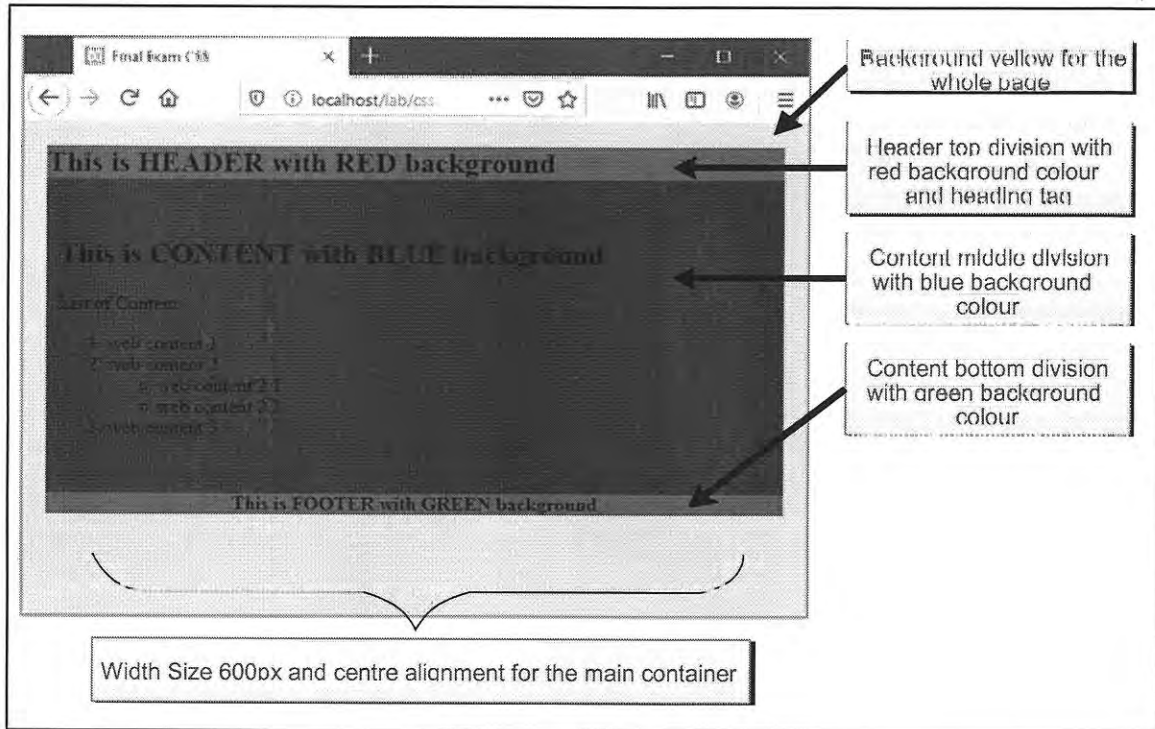
- COURSE NAME : SYSTEM ANALYSIS AND DESIGN
- COURSE CODE : BIC 21203
- PROGRAMME CODE : BIS /BIP /BIW /BIM
- EXAMINATION DATE : JULY 2020
- DURATION : 3 HOURS
- INSTRUCTION : 1. ANSWER **ALL** QUESTIONS.
2. PLEASE MAKE SURE TO CLICK "SAVE ANSWER" BUTTON FOR SUBJECTIVE QUESTIONS. OBJECTIVE QUESTIONS ARE SAVED AUTOMATICALLY.

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THIS QUESTION PAPER CONSISTS OF FIVE (5) PAGES

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Q1 Write a full program using HTML and an internal CSS rules based on **Figure Q1**. Use ID selector (#) and html <div> tag to formulate the web layout.



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- Q2** (a) Based on Figure Q2(a), write a full HTML program with JavaScript function for multiplication and division calculation.

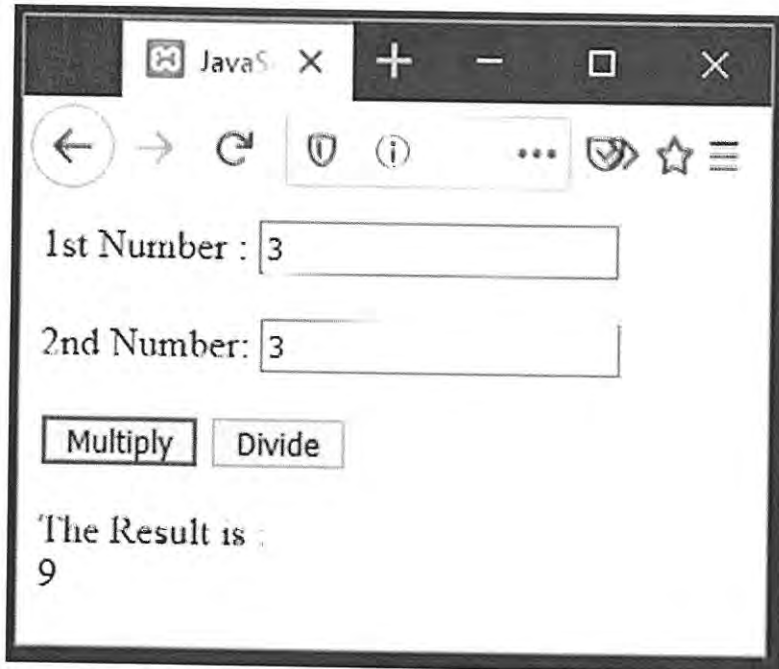


Figure Q2(a)

(15 marks)

- (b) Write a PHP script to store the user name 'Karim' in a cookie that expires after 60 seconds.
(3 marks)
- (c) Write a PHP script to store number of times that a page has been loaded by using session.
(4 marks)
- (d) Based on Q2(c), write a PHP script to destroy only a single session item.
(3 marks)

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- Q3** Figure Q3 is a STUDENT_DATA table extracted from STUDENT database. Answer the following questions:

Student_ID	Name	Faculty	email
1002	Ramly	FSKTM	ramly@uni.com
1056	Raju	FPTP	raju@uni.com
1076	Rachong	FKAS	rachong@uni.com
1088	Marnat	FASI	marnat@uni.com
1102	Maniam	FSKTM	maniam@uni.com
1143	Meng	FSKIM	meng@uni.com
1165	Jennings	FSKTM	ljennings@uni.com

Figure Q3

- (a) Write a complete HTML program to create a form that will insert a new student data to the STUDENT_DATA table. Include all fields appeared in **Figure Q3**.
(4 marks)
- (b) Write PHP statements to extract all the information from the form in **Q3(a)**, by using MySQLi Procedural command to insert the information into the STUDENT_DATA table.
(8 marks)
- (c) Write PHP statements to delete student ID 1056 and 1088 from the STUDENT_DATA table by using MySQLi Procedural command.
(8 marks)

- Q4** Develop a PHP page to receive all the information from the form in **Figure Q4(a)**. Insert all the information to the member table of database staffinfo in **Figure Q4(b)**. The password must be encoded using md5 function before being inserted to the database. Display the member's information in this page, except the password.

For database connectivity use :

```
host=localhost, username=root, password=admin, MySQLi Procedural
```

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localhost/Q5b/form.html

Staff Information

Staff Name : test

Email Address : test

User Name : m-10506397@moe-dl.edu.my

Password :

Gender : Male Female

Figure Q4(a)

Name	Type	NULL	Default	Extras
Keys (1)				
Primary Key	Id			unique
Fields (6)				
Id	int(11)	No	<auto_increment>	
username	varchar(15)	No		
name	varchar(100)	Yes	<NULL>	
email	varchar(100)	Yes	<NULL>	
passwd	varchar(100)	Yes	<NULL>	
gender	varchar(10)	Yes	<NULL>	

Figure Q4(b)

(20 marks)

END OF QUESTIONS

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