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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2018/2019**

COURSE NAME : WEB DEVELOPMENT
COURSE CODE : BIC 21203
PROGRAMME CODE : BIS / BIP / BIW / BIM
EXAMINATION DATE : JUNE / JULY 2019
DURATION : 3 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF FIVE (5) PAGES

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Q1 (a) List **THREE (3)** implementation method to integrate Cascading Style Sheet (CSS) in webpage and give **ONE (1)** example for each of the implementation.

(6 marks)

(b) Write a source code using HTML markup language to display the output as shown in **Figure Q1(b)**.

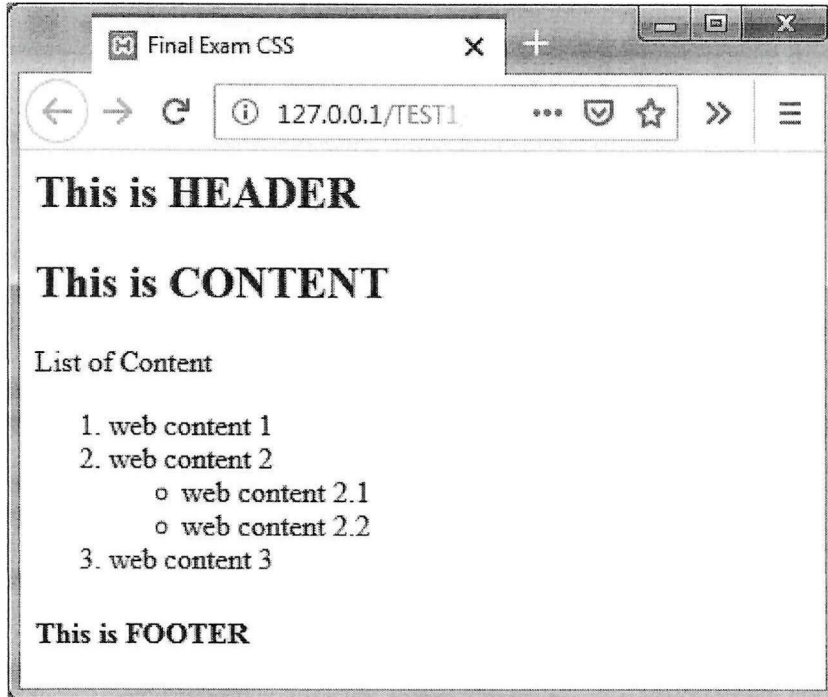


Figure Q1(b)

(5 marks)

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

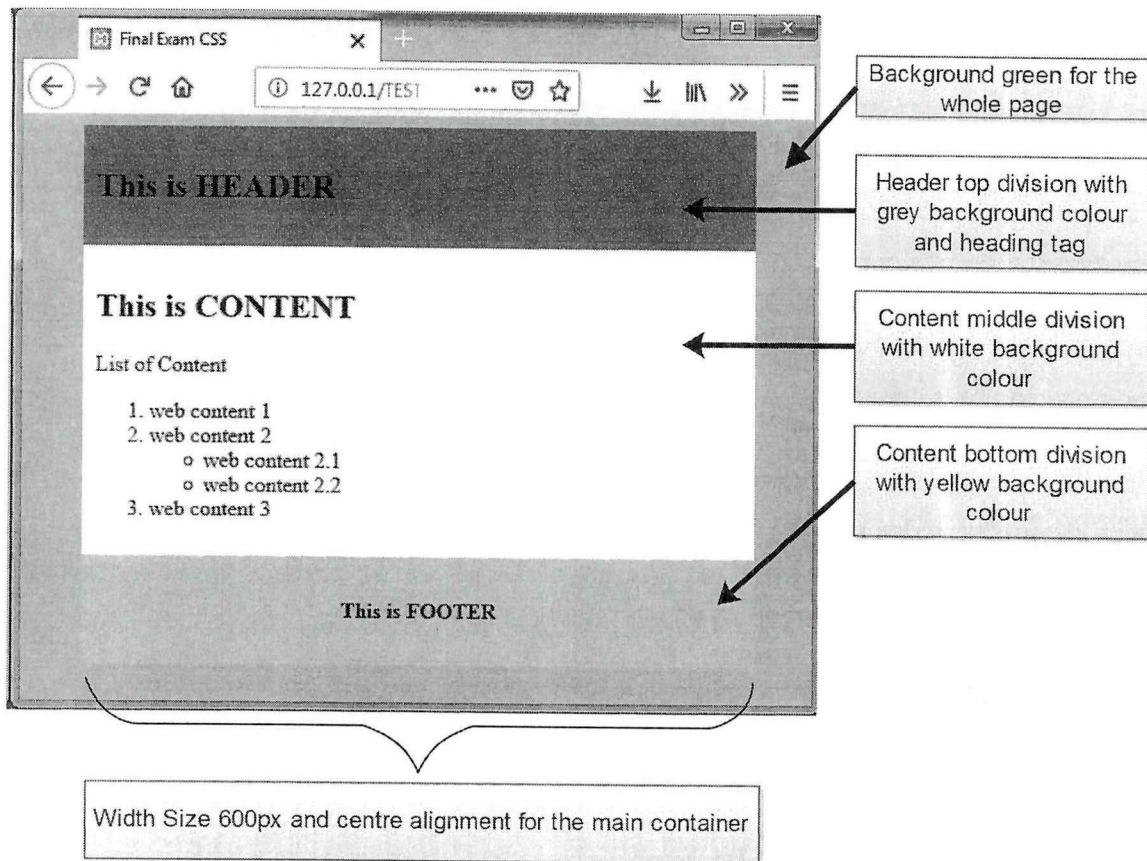


Figure Q1(c)

(15 marks)

- Q2 (a) Give the functionality of each of the following method in JavaScript:

- (i) window.prompt()
- (ii) window.confirm()
- (iii) window.alert()
- (iv) document.write()
- (v) document.writeln()

(10 marks)

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Q3 (a) Describe **THREE (3)** differences between client-side scripting and server-side scripting.

(6 marks)

(b) Write PHP script to display its version and configuration.

(4 marks)

(c) How do you write PHP `if` statement to display "Youth" in the browser if an integer `$age`, is between 17 to 21, otherwise display string "Out of range".

(6 marks)

(d) Convert the following pseudo code into PHP Programming:

```
Set a counter variable to be equal to 1
  Make a 'for' loop that executes 5 times (using the counter variable)
  Print out "Final Exam"
  Print out a line break
End of the loop
```

(8 marks)

Q4 (a) **Figure Q4(a)** is a table named `STUDENT_DATA` extracted from a database named `STUDENT`. Use table in **Figure Q4(a)** to 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	Mamat	FAST	mamat@uni.com
1102	Maniam	FSKTM	maniam@uni.com
1143	Meng	FSKTM	meng@uni.com
1165	Jennings	FSKTM	ljennings@uni.com

Figure Q4(a)

(i) Write a complete HTML to develop form that will insert a new student data to the `STUDENT_DATA` table. Include all fields appeared in **Figure Q4(a)**.

(10 marks)

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- (ii) Write PHP statements to extract all the information from the form answered in **Q4(a)(i)**, and use the MySQLi Procedural of SQL command to insert the information into the `STUDENT_DATA` table.

(10 marks)

- (b) Develop a PHP page to receive all the information from the form in **Figure Q4(b)(i)**. Insert all the information to the `member` table of database `bookclub` in **Figure Q4(b)(ii)**. 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`

Club Registration

Username:

Name:

Email Address:

Password:

Gender: Male Female

Figure Q4(b)(i)

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)(ii)

(20 marks)

END OF QUESTION

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