

CONFIDENTIAL

SULIT



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

SCHOOL OF COMPUTING
Faculty of Engineering

UNIVERSITI TEKNOLOGI MALAYSIA
FINAL EXAM SEMESTER II, 2019/2020

PART 2 – TAKE HOME EXAM (THE)

SUBJECT CODE	:	SCSV1223/ SECV1223
SUBJECT NAME	:	WEB PROGRAMMING
TIME START	:	09:00 AM – 11:45 AM
TEST DURATION	:	2 HOURS 45 MINUTES
DATE/DAY	:	17TH JULY 2020 (FRIDAY)
VENUE	:	MPK1, N28

INSTRUCTIONS :

1. This Part 2 Exam consists of **5 (FIVE)** structure questions.
2. Answer all the **structured questions**. The marks for each part of the question is as indicated.
3. You are given **2 HOUR 45 MINUTES** to complete the Part 2 Exam inclusive the submission of your answers.

Exam Details	Time Estimation
Student download a the question through e-learning.	09:00 am - 09:15 am (15 minutes)
Student answer the question.	09:15 am - 10:15 am (60 minutes)
Student Submit the Interim Submission .	10:15 am - 10:30 am (15 minutes)
Student continue Answering the question after interim submission.	10:30 am - 11:30 am (60 minutes)
Student Submit the Final Submission .	11:30 am - 11:45 pm (15 minutes)

Question 4[SET 1]**[10 Marks]**

Answer all the **structured questions**. The marks for each part of the question is as indicated.

(a) Betty's Floral Arrangements shop has an online order form. She has added some JavaScript **functions** to calculate how much a person has to **pay** for the five items before they submit the page, and now she wants to add her functions to her form buttons.

i. **Propose** which event is best used for her buttons?

[1 Marks]

ii. **Construct** the JavaScript command line to execute the event button proposed in question (i), to trigger the function **calcTotal()**. Assume the button display with the text **Calculate Order**.

[3 Marks]

(b) Betty wants to **display** the total from her **calcTotal()** function in her form named **results** in a text box name and id called **finalAmount**. Assume that the variable **Total** is declare to keep the temporary value for total amount of five items before display it to the text box. Create a JavaScript command line to display the total amount in a text box.

var **Total** = price1 + price2 + price3 + price4 + price5;

[3 Marks]

(c) Betty wants to simplify her program to make more flexible. She want to stored a **calcTotal()** function in an external file called "**calcTotal.js**". The external file scriptis is located in a specified folder namely "**js**" on the current web site project. Create a JavaScript command line to call the an external file.

[3 Marks]