UNIVERSITI TEKNOLOGI MARA
TEST 1

COURSE	:	**DYNAMIC WEB DEVELOPMENT**
COURSE CODE	:	**CSC574**
DATE	:	**MAY 2022**
TIME	:	**8 PM – 10 PM**
		(SUBMISSION MUST BE COMPLETED BEFORE 10 PM)
SEMESTER	:	

INSTRUCTIONS TO CANDIDATES

1.   This paper consists of FIVE (5) questions. Answer ALL questions.

2.   This is an open-book test. Students may refer to any materials (including slides, web notes, books, and videos) during the examination. However, do not copy any answer directly from any of the resources.

3.   Sharing of resources and plagiarism is strictly prohibited.

Name :	
Student No :	
Group :	

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

This examination paper consists of 3 printed pages

PART A (30 marks)

QUESTION 1

a)   Describe any TWO (2) advantages of the Internet and provide an example to support your answers.

(5 marks)

b)   Describe any TWO (2) functions of the Web browser. Provide an example(s) to support your answer.

(5 marks)

QUESTION 2

Resources on the Internet have addresses.

a)   Describe the Internet Address and their usage in modern Internet communication.

(4 marks)

b)   Explain how the concept of packets is useful for communication through the Internet.

(3 marks)

c)   Describe the Internet protocol stacks and their functions.

(8 marks)

PART B (50 marks)

Write codes to solve the following tasks and submit screenshots of the code and their output pages.

QUESTION 1

HTML documents are used to display content.

a) Write a basic document with examples of HTML blocks and attributes.

(5 marks)

b) Create navigation buttons for the Firstpage and the Finalpage documents.

(5 marks)

c) Create a table with 2 columns. Then add 3 rows containing names of fruits, price per kilogram, and the number of user's purchases.

(5 marks)

d) Create a list of lecturers teaching your registered classes.

(5 marks)

QUESTION 2

Web documents may contain various types of content.

a) Create a resume page to describe your intention to apply for a master's degree at a University. Use HTML tags to display various types of content on your resume page.

(15 marks)

b) Describe the usage of any FIVE (5) HTML tags used in your resume documents. Add comments to describe your HTML codes.

(5 marks)

QUESTION 3

Dynamic web pages allow users to interact with the web content.

a) Differentiate between a static and a dynamic web page. Provide examples to support your answer.

(4 marks)

b) Create a page to accept registration for an online Mathematic course. Set the page to register for children who are between 12 and 15 years old. Add comments to describe your HTML codes.

(6 marks)

END OF QUESTION PAPER