

**UNIVERSITY COLLEGE TATI (UC TATI)****FINAL EXAMINATION QUESTION BOOKLET**

COURSE CODE	: DCT 2124
COURSE	: WEB APPLICATION DEVELOPMENT
SEMESTER/SESSION	: 1-2023/2024 (APRIL)
DURATION	: 3 HOURS

Instructions:

1. This booklet contains **5** questions. Answer **ALL** questions.
2. All answers are to be written in answer booklet provided.
3. Write legibly and draw sketches wherever required.
4. If in doubt, raise your hands and ask the invigilator.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO
THIS BOOKLET CONTAINS 4 PRINTED PAGES INCLUDING COVER
PAGE

QUESTION 1

- a) The language of web pages on the World Wide Web commonly using HTML code.
- i. Define of HTML. (1 mark)
 - ii. Define about corporate website and e-commerce website. (4 marks)
- b) Write the basic structure of HTML coding and insert table with **ONE (1) row TWO (2) columns**. (8 marks)
- c) The <body> element contains information about the page's background color, the background image, as well as the text and link colors.
- i. Write HTML syntax to create a page document that has a background color with the code #F23154 and white text color. (4 marks)
 - ii. Write HTML syntax that allows the word LAZADA become a hyperlink to URL address www.lazada.com and open the linked page in a new window or tab. (4 marks)
- d) Distinguish between an ordered and unordered list style. (4 Marks)

QUESTION 2

- a) Online forms provide a convenient and efficient way for businesses and individuals to collect data from website visitors or online users. Describe **FIVE (5)** input elements for form on the webpage. (5 marks)
- b) Draw **ONE (1)** sample of wireframe homepage for the corporate website including content elements of navigations, slider, image and video. (7 marks)

QUESTION 3

- a) Differentiate between Apache server and Internet Information Server (IIS). (6 marks)
- b) Identify **THREE (3)** types basic syntax for PHP coding. (6 marks)

QUESTION 4

- a) Describe meaning of Database, Record and Field. (6 marks)
- b) Identify **FIVE (5)** fields required for club member registration form including the table name, primary key and data type of the fields decided. (12 marks)
- c) Distinguish **TWO (2)** between static website and dynamic website. (4 marks)
- d) Interpret **THREE (3)** disadvantages of server-side scripting (6 marks)
- e) Describe **FIVE (5)** examples of query keywords for Structure Query Language (SQL). (10 marks)

QUESTION 5

Your average internet user may not notice it day by day, but web design trends are always changing. The shifts in web design norm are slow, but they're worth paying attention to. Even if you're not great web designer but you can do in a website builder. Refer to this issue;

- a) State meaning of website trends. (1 mark)
- b) Clarify the **THREE (3)** advantages and **THREE (3)** disadvantages of website trends. (12 marks)

-----End of questions-----