



UTHM

Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2022/2023**

- COURSE NAME : WEB DEVELOPMENT
- COURSE CODE : DAT 21303
- PROGRAMME CODE : DAT
- EXAMINATION DATE : JULY / AUGUST 2023
- DURATION : 2 HOURS 30 MINUTES
- INSTRUCTION : 1. ANSWER ALL QUESTIONS.
2. THIS FINAL EXAMINATION IS CONDUCTED VIA **CLOSED BOOK**.
3. STUDENTS ARE **PROHIBITED** TO CONSULT THEIR OWN MATERIAL OR ANY EXTERNAL RESOURCES DURING THE EXAMINATION CONDUCTED VIA CLOSED BOOK

THIS QUESTION PAPER CONSISTS OF **SEVEN (7)** PAGES

- Q1** (a) List TWO purpose of client server application. (2 marks)
- (d) Write a html program to display records shown in **Table Q1(d)**.

Table Q1(d)

| Date | Daily expenses |
|-------------|----------------|
| Jan 1, 2023 | 25.00 |
| Jan 2, 2023 | 20.00 |
| Jan 3, 2023 | 10.00 |
| Jan 4, 2023 | 12.00 |
| Jan 5, 2023 | 13.00 |

- (3 marks)
- (c) Write a PHP program to display the following pattern shown in **Figure Q1(c)**. Use Courier New as the font for this pattern. (10 marks)
- (d) Write a PHP program to display the following pattern shown in **Figure Q1(d)**. Use Courier New as the font for this pattern. (10 marks)

- Q2** (a) **Table Q2(a)** shows October 2022 sales records for car sales. Write a PHP program to create array of the records and display in table.

Table Q2(a)

| Car | Monthly Sales | Sales executives |
|---------|---------------|------------------|
| Volvo | 100 | Ahmad |
| BMW | 300 | Daniel |
| Toyota | 500 | John |
| Proton | 150 | Darren |
| Perodua | 50 | Lisa |

- (10 marks)
- (b) State **FIVE (5)** invalid variable names in PHP. (5 marks)
- (c) Write a HTML interface and used JavaScript to convert US dollar to Malaysian Ringgit. The interface shown in **Figure Q2(c)**. (5 marks)
- (d) Write PHP code that print the following receipt shown in **Figure Q3(d)**. (5 marks)

- Q3** (a) Create a function that will calculate sum of two numbers. Let variable x and y be the number one and two respectively. Call the function with the input of 5 for x and 10 for y. Print the result of the operation. (5 marks)
- (b) Write PHP program multiplying two number and show the result as shown in **Figure Q3(b)**. (5 marks)
- (c) Create a PHP form for accepting input of two number using GET methods and open “add.php” file when Submit button is pressed. See the form interface in **Figure Q3(c)**. (5 marks)
- (d) A database table for login contain column which is full_name, user_name, email, password and contact_number.

By using PHP and mysql show the code for:

- (i) Creating the login table (2 marks)

- (ii) Insert the following record.

```
full_name      : John Doe
user_name      : john
email          : john@gmail.co
password       : john12345
contact_number : 012-3456789
```

(2 marks)

- (iii) Search records by using its full_name of “Doe”. (2 marks)

- (iv) Update user_name from “John Doe” to “Mike Doe”.

```
Id             : 2
full_name      : John Doe
user_name      : John
email          : john@gmail.co
password       : john12345
contact_number : 012-3456789
```

(2 marks)

- (v) Delete record id number 2. (2 marks)

Q4 A web layout is given in **Figure Q5**. The page contains navigation bar, carousel, jumbotron, card and a footer.

Write the HTML code element for:

- (a) navigation bar (8 marks)
- (b) jumbotron (2 marks)
- (c) card in column grid. Use image name as img#.png for the page you have created where # is a number. (10 marks)
- (d) footer (5 marks)

-END OF QUESTIONS -

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Figure Q1(c)

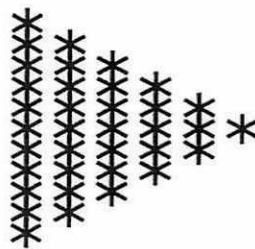


Figure Q1(d)

| CURRENCY EXCHANGE | |
|--------------------------|-------|
| USD | 00.00 |
| MYR | 00.00 |

Figure Q2(c)

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AEON BIG BATU PAHAT
No 1B Jalan Persiaran Flora Utama
Taman Flora Utama
Batu Pahat, 83000, Johor

Date 30 Dec 2022
Time 12:00PM

| | | |
|-----------------------------------|---|---------|
| Wise Cottage Fries Tomato Ketchup | 1 | RM14.20 |
| Koloko Pea Crackers Seaweed - 57g | 1 | RM2.90 |
| Breeze Comfort Liquid - 3.6kg | 1 | RM26.00 |
| Sum | | RM43.10 |
| Paid | | RM50.00 |
| Change | | RM6.90 |

Thank you

Figure Q2(d)

first_number = 10
second_number = 20
Sum of two numbers = 30

Figure Q3(b)

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| | |
|---------------------------------------|---------------------------------|
| Number1: | <input type="text" value="10"/> |
| Number2: | <input type="text" value="4"/> |
| <input type="button" value="Submit"/> | |

Figure Q3(c)

Navbar Home Features Pricing Disabled

Men First Shampoo

Resize this responsive page to see the effect!

L'Oreal Paris



Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Tired of oily hair & stubborn residue? Men Expert Oil Controller shampoo purifies & revitalizes your hair on a daily basis. After use, hair and styling products are easier to manage to make your most desired styles achievable.

Head and Shoulders



Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Get ready to clean your scalp to the pore with the deep-cleaning power of Head and Shoulders Shampoo, with charcoal.

Suave Men



Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Lather up with this men's peppermint shampoo, designed to deep clean hair and leave it looking, feeling, and smelling fresh.

AXE



Lorem ipsum dolor sit amet, consectetur adipiscing elit...

AXE is the household brand among guys these days. The company's grooming products are rivaled by few for quality and price, and who doesn't love those commercials.

Copyright © Your Website

Figure Q5

TERBUKA