



**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

**FINAL EXAMINATION  
SEMESTER I  
SESSION 2017/2018**

COURSE NAME : E-COMMERCE APPLICATION  
DEVELOPMENT

COURSE CODE : DAT 32504

PROGRAMME : DAT

EXAMINATION DATE : DECEMBER 2017/JANUARY 2018

DURATION : 3 HOURS

INSTRUCTION : SECTION A: ANSWER ALL QUESTIONS  
SECTION B: CHOOSE ONE (1)  
QUESTION ONLY

THIS QUESTIONS PAPER CONSISTS OF **FOUR (4)** PAGES

**SECTION A**

**Q1** (a) State **THREE (3)** major currency pairs. (6 marks)

(b) List **THREE (3)** Ready Made Technical Indicators and **THREE (3)** Custom Made Technical Indicators. (6 marks)

(c) Describe **FOUR (4)** different types of Moving Average. (8 marks)

**Q2** (a) Differentiate between Market Order and Pending Order. (4 marks)

(b) Explain with examples **FOUR (4)** types of Pending Orders. (8 marks)

(c) Given the information of Simple Price-Based Trading Systems for GBPUSD currency pairs:

- The opening SELL price is 1.0000 GBP = 1.5200 USD.
- T/P is set by 100 pips.
- S/L is set by 50 pips.
- Pending order price is 30 pips above or below the opening SELL price.

Calculate the value for each item below:

- (i) Buy Limit order.
- (ii) Sell Limit order.
- (iii) Buy Stop order.
- (iv) Sell Stop order.

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**Q3** (a) Explain Fundamental Indicators. (4 marks)

(b) List **SIX(6)** Fundamental Indicators that have high impact on Great Britain economy. (6 marks)

(c) Discuss why traders care about the Unemployment Claims for United State of America. (4 marks)

(d) Based on answer at **Q3 (b)** choose **THREE (3)** Fundamental Indicators and interpret the expected high impact on Great Britain currency. (6 marks)

**Q4** (a) Explain and illustrate Trailing Stop Order.

(4 marks)

(b) Code Buy Order and Sell Order algorithm below using Meta Quote Language 4.

(i) Buy Order

Check that the profit (current Bid price minus the open price) is greater than the Trailing Stop value that the user have set. Modify the order to new Stop Loss level, which is equal to the current Bid price minus the Trailing Stop value.

(ii) Sell Order

Check that the profit (the open price minus current Ask price) is greater than the Trailing Stop value that the user have set. Modify the order to new Stop Loss level, which is equal to the current Ask price plus the Trailing Stop value.

(10 marks)

(c) Given the information of Automated Trading Systems for GBPUSD currency pairs:

Opening BUY price : 1.0000 GBP = 1.4100 USD.

T/P: 180 pips.

S/L: 60 pips.

Trailing Stop: 15 pips.

Based on answers at **Q4 (b) (i) and Q4 (b) (ii)**, calculate the value for each item below:

(i) Order Modify for SELL order.

(ii) Order Modify for BUY order.

(6 marks)

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**SECTION B**

**Q5** (a) Describe the stages in the development of GBPUSD currency pairs trading chart for period H1 using technical indicators below:

EMA 9  
EMA 26  
MACD (12, 26, 9)

(10 marks)

(b) Explain when should we:

- (i) Open a **SELL** trade.
- (ii) Open a **BUY** trade.
- (iii) Close a **SELL** position.
- (iv) Close a **BUY** position.

(10 marks)

**Q6** (a) Draw a flowchart function that automatically set Buy Stop and Sell Stop when an open position (Buy or Sell) has been executed.

(10 marks)

(b) Based on **Q6** answer, write a script function that automatically set Buy Stop and Sell Stop when an open position (Buy or Sell) has been executed.

(10 marks)

**-END OF QUESTION -**

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