



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2018/2019**

COURSE NAME : E-COMMERCE APPLICATION
DEVELOPMENT

COURSE CODE : DAT32504

PROGRAMME : DAT

EXAMINATION DATE : DECEMBER 2018/JANUARY 2019

DURATION : 3 HOURS

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

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

SECTION A

Q1 (a) Define Meta Editor 4 (MT4) and Meta Quotes Language 4 (MQL4). (4 marks)

(b) State base and quoted terms for the currency below:

- (i) GBP 1.3000.
- (ii) CAD 1.2800.
- (iii) AUD 0.7180.
- (iv) EUR 1.1580.

(8 marks)

(c) Assume an FX trader bought one million dollars' worth of Swiss Francs (CHF) at 1.4996 at the open because she thought Francs would strengthen over that day. However, her outlook for the day was wrong, and when she closed out her position by buying back the dollars at 1.5040. Calculate how much she experienced loss in United States Dollar (USD).

(8 marks)

Q2 (a) Classify between Instant order and Pending order. (4 marks)

(b) Explain with examples **four (4)** types of pending orders. (8 marks)

(c) Given the information of Pending Order Trading Systems for EURUSD currency pairs below:

- The opening SELL price is 1.0000 EUR = 1.1520 USD.
- T/P is set by 180 pips.
- S/L is set by 60 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.

(8 marks)

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- Q3** (a) Define economic indicators. (4 marks)
- (b) List **six (6)** economic indicators that give high impact to United States economy. (6 marks)
- (c) Discuss why traders care Producer Price Index (PPI) for United State of America. (4 marks)
- (d) Based on answers at **Q3 (b)** choose **three (3)** economic indicators and interpret the expected of high impact in United States currency. (6 marks)
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- Q4** (a) Explain with examples an Automated Trading Systems. (4 marks)
- (b) Discuss **three (3)** benefits using an automated system in currency trading. (6 marks)
- (c) Write a segmen code using Meta Quote Language 4 to check for long position (BUY) possibility and open BUY rule of Automated Trading Systems for GBPUSD currency pairs. (10 marks)

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SECTION B

Q5 (a) Explain with examples Trailing Stop order. (4 marks)

(b) Discuss **three (3)** benefits using trailing stop loss function in automated trading. (6 marks)

(d) According to Buy Order algorithm below, code it using Meta Quote Language 4.

In the case of a Buy order, we check that the profit (current Bid price minus the open price) is greater than the Trailing Stop value that we have set (or the user set). We also modify the order to new Stop Loss level, which is equal to the current Bid price minus the Trailing Stop value.

(10 marks)

Q6 (a) Explain with examples Trailing Stop order. (4 marks)

(b) Discuss **THREE (3)** benefits using trailing stop loss function in automated trading. (6 marks)

(c) According to Sell Order algorithm below, code it using Meta Quote Language 4.

In the case of Sell order, we check that the profit (the open price minus current Ask price) is greater than the Trailing Stop value that we have set (or the user set). We also modify the order to new Stop Loss level which is equal to the current Ask price plus the Trailing Stop value.

(10 marks)

-END OF QUESTIONS -

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