



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**PEPERIKSAAN AKHIR
SEMESTER I
SESI 2016/2017**

NAMA KURSUS : PEMBANGUNAN APLIKASI
E-DAGANG

KOD KURSUS : DAT 32504

PROGRAM : 3 DAT

TARIKH PEPERIKSAAN : DISEMBER 2016/ JANUARI 2017

JANGKA MASA : 3 JAM

ARAHAN : JAWAB **SEMUA** SOALAN
BAHAGIAN A DAN **SATU (1)**
SOALAN SAHAJA BAHAGIAN B

TERBUKA

KERTAS SOALAN INI MENGANDUNGI **TUJUH (7)** MUKA SURAT

BAHAGIAN A

- S1 (a) Takrifkan Platfom/Terminal Dagangan. (4 markah)
- (b) Bincangkan terma-terma di bawah
- (i) Graf/Carta
 - (ii) Long
 - (iii) Order
 - (iv) Short
 - (v) Simbol
 - (vi) Saiz Lot
 - (vii) Stop Loss Order
 - (viii) Take Profit Order
- (16 markah)
- S2 (a) Takrifkan Analisis Teknikal. (6 markah)
- (b) Bezakan antara Indikator *Moving Average (MA)* dan Indikator *Moving Average Convergence Divergence (MACD)*. (6 markah)
- (c) Bincangkan mengapa pedagang perlu mengambil berat Indikator *Moving Average (MA)*. (8 markah)



TERBUKA

S3 (a) Nyatakan Fungsi *Trailing Stop (TS)*. (8 markah)

(b) Tukarkan keratan kod aturcara Fungsi *Trailing Stop* di bawah ini ke rajah carta alir.

```
if(UseTrailingStop && TrailingStop > 0)
{
    if((OrderOpenPrice() - Ask) > (Point * TrailingStop))
    {
        if((OrderStopLoss() > (Ask + Point * TrailingStop))
        || (OrderStopLoss() == 0))
        {
            OrderModify(OrderTicket(),
            OrderOpenPrice(), Ask + Point * TrailingStop,
            OrderTakeProfit(), 0, DarkOrange);
            if (!EachTickMode) BarCount = Bars;
            continue;
        }
    }
}
```

(12 markah)

S4 (a) Jelaskan Pesanan Segera dan Pesanan Tertunda. (4 markah)

(b) Terangkan Pesanan Tertunda di bawah:

- (i) *Sell Stop*
- (ii) *Sell Limit*
- (iii) *Buy Stop*
- (iv) *Buy Limit*

(8 markah)

TERBUKA

- (c) Diberi maklumat Sistem Mudah Dagangan Berasaskan Harga bagi pasangan mata wang GBPUSD di bawah;
- Harga buka posisi SELL adalah 1.0000 GBP = 1.3020 USD.
 - Harga T/P ditetapkan pada 50 pip.
 - Harga S/L ditetapkan pada 50 pip.
 - Harga pesanan tertunda adalah 30 pip di atas atau di bawah harga buka posisi SELL.

Kirakan nilai harga bagi setiap item di bawah

- (i) Pesanan tertunda *Sell Limit*.
- (ii) Pesanan tertunda *Sell Stop*.
- (iii) Pesanan tertunda *Buy Stop*.
- (iv) Pesanan tertunda *Buy Limit*.

(8 markah)

BAHAGIAN B

- S5 Jelaskan langkah-langkah untuk membangunkan strategi *Open Buy* dan *Close Buy* pasangan mata wang GBPUSD dengan menggunakan *Expert Advisor Generator* dan indikator teknikal yang di bawah.

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

(20 markah)

- S6 Jelaskan langkah-langkah untuk membangunkan strategi *Open Sell* dan *Close Sell* pasangan mata wang GBPUSD dengan menggunakan *Expert Advisor Generator* dan indikator teknikal yang di bawah.

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

TERBUKA

(20 markah)

-SOALAN TAMAT-

SECTION A

Q1 (a) *Define a Trading platform/terminal.* (4 marks)

(b) *Discuss the terms below:*

- (i) *Graph/Chart*
- (ii) *Long*
- (iii) *Order*
- (iv) *Short*
- (v) *Symbol*
- (vi) *Lot Size*
- (vii) *Stop Loss Order*
- (viii) *Take Profit Order*

(16 marks)

Q2 (a) *Define Technical Analysis.* (6 marks)

(b) *Distinguish between Moving Average (MA) Indicator and Moving Average Convergence Divergence (MACD) Indicator.* (6 marks)

(c) *Discuss why traders care about Moving Average (MA) Indicator.* (8 marks)

TERBUKA

Q3 (a) State the function of Trailing Stop (TS).

(8 marks)

(b) Convert the source code's segment for Trailing Stop function below to flow chart diagram.

```
if(UseTrailingStop && TrailingStop > 0)
{
    if((OrderOpenPrice() - Ask) > (Point * TrailingStop))
    {
        if((OrderStopLoss() > (Ask + Point * TrailingStop))
        || (OrderStopLoss() == 0))
        {
            OrderModify(OrderTicket(),
            OrderOpenPrice(), Ask + Point * TrailingStop,
            OrderTakeProfit(), 0, DarkOrange);
            if (!EachTickMode) BarCount = Bars;
            continue;
        }
    }
}
```

(12 marks)

Q4 (a) Describe Instant Orders and Pending Orders.

(4 marks)

(b) Explain Pending Orders below:

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

(8 marks)

TERBUKA

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

- *The opening SELL price is 1.0000 GBP = 1.3020 USD*
- *T/P is set by 50 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.*

(8 marks)

SECTION B

Q5 *Describe the stages in the development of Open Buy strategy and Close Buy strategy for **GBPUSD** currency pairs using Expert Advisor Generator and technical indicators below:*

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

(20 marks)

Q6 *Describe the stages in the development of Open Sell strategy and Close Sell strategy for **GBPUSD** currency pairs using Expert Advisor Generator and technical indicators below:*

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



(20 marks)

-END OF QUESTION-