



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**PEPERIKSAAN AKHIR
SEMESTER I
SESI 2012/2013**

NAMA KURSUS : PEMBANGUNAN APLIKASI E-DAGANG
KOD KURSUS : DAT 32504
PROGRAM : 3 DAT
TARIKH PEPERIKSAAN : OKTOBER 2012
JANGKA MASA : 3 JAM
ARAHAN : JAWAB **EMPAT (4)** SOALAN
BAGI BAHAGIAN A DAN
SATU (1) SOALAN SAHAJA BAGI
BAHAGIAN B

KERTAS SOALAN INI MENGANDUNGI SEBELAS (11) MUKA SURAT

SOALAN DI DALAM BAHASA MELAYU

BAHAGIAN A

S1 (a) Takrifkan e-dagang pertukaran mata wang (forex).

(4 markah)

(b) Bincangkan terma-terma di bawah

- (i) Analisis Fundamental
- (ii) Indikator Fundamental
- (iii) Analisis Teknikal
- (iv) Indikator Teknikal
- (v) Mata wang asas
- (vi) Mata wang Counter
- (vii) Pip
- (viii) Julat

(16 markah)

S2 (a) Takrifkan Perbankan dalam talian atau Perbankan Internet.

(4 markah)

(b) Senaraikan **LAPAN(8)** langkah untuk membuka akaun perbankan Internet.

(8 markah)

(c) Bincangkan langkah-langkah untuk memindahkan wang deposit dari akaun perbankan Internet anda ke akaun Syarikat InstaForex.

(8 markah)

S3 (a) Takrifkan Strategi *Scalping*.

(4 markah)

(b) Ilustrasikan aturcara kod sumber di bawah ke rajah carta aliran.

(i) Fungsi *MakeSellOrder*

```
void MakeSellOrder(double InitLots)
{
    int ticketno;
    double TargetStopLoss;
    TargetStopLoss = Bid+Point*StopLoss;
    ticketno=OrderSend(XSymbol,OP_SELL,InitLots,Bid,slippage,TargetStopLoss,0,Name_Expert+Version,MagicKey[2],0,ArrowsColorDown);
    if(ticketno == -1) { //error check
        if(GetLastError()==130)
            Print("error 130 Symbol= ",XSymbol,"
OP_SELL Lot =",InitLots," Bid =",Bid,"
Slippage=",slippage," TargetStopLoss
=",TargetStopLoss);
    }
}
```

(8 markah)

(ii) Fungsi *MakeBuyOrder*

```

void MakeBuyOrder(double InitLots)
{
    int ticketno;
    double TargetStopLoss;
    TargetStopLoss = Ask-Point*StopLoss;
    ticketno=OrderSend(XSymbol,OP_BUY,InitLots,Ask,slipp
age,TargetStopLoss,0,Name_Expert+Version,MagicKey[1]
,0,ArrowsColorUp);
    if(ticketno == -1) { //error check
        if(GetLastError()==130)
            Print("error 130 Symbol= ",XSymbol," OP_BUY
Lot =",InitLots," Ask =",Ask," Slippage=",slippage,"
TargetStopLoss =",TargetStopLoss);
        }
    }
}

```

(8 markah)

S4 (a) Jelaskan antara Indikator Kustom dan Penasihat Pakar.

(6 markah)

(b) Terangkan Indikator Kustom di bawah:

- (i) Pergerakan Purata
- (ii) Jalur Bollinger
- (iii) Pergerakan Purata Pertemuan Perbezaan

(6 markah)

- (c) Diberi maklumat Sistem Mudah Dagangan Berasaskan Harga di bawah;

Jadual S4(c): Maklumat Sistem Mudah Dagangan Berasaskan Harga

Harga Semasa pasangan mata wang EURUSD adalah 1.4810, Harga Buka bar adalah 1.4832
Nilai Kunci mesti dikira dahulu. Ia berdasarkan pada Harga Semasa. Bagi sebut Harga 4 digit selepas titik perpuluhan, Nilai Kunci adalah Harga Semasa didarabkan 10 dan dibundarkan. Bagi sebut Harga 2 digit selepas titik perpuluhan, Nilai Kunci adalah Harga Semasa dibahagikan 10 dan dibundarkan.
Tempatkan pesanan Belian tertunda pada Harga Semasa + (2 * Nilai Kunci).
Tempatkan pesanan Jualan tertunda pada Harga Semasa - (2 * Nilai Kunci).
Tempatkan Hentian Rugi bagi pesanan Belian tertunda pada Harga Buka - (2 * Nilai Kunci).
Tempatkan Hentian Rugi bagi pesanan Jualan tertunda pada Harga Buka + (2 * Nilai Kunci).
Ambilan Untung bagi kedua-dua pesanan dikira bersamaan dengan Nilai Kunci. Tetapi untuk Harga Semasa mestilah didarab dengan 100 bagi 4 digit selepas titik perpuluhan dan Harga Semasa dengan 2 digit titik perpuluhan tidak perlu dibahagikan. Bagi kedua-dua kes di atas, nilai mestilah dibundarkan.
Hentian <i>Trailing</i> diaplikasikan pada pesanan-pesanan dan disetkan pada 2.5 * Nilai Kunci.

Berdasarkan jadual S4(c), kirakan nilai bagi setiap item di bawah

- (i) Pesanan Had Belian Tertunda.
- (ii) Pesanan Had Jualan Tertunda.
- (iii) Hentian Rugi bagi pesanan Belian Tertunda.
- (iv) Hentian Rugi bagi pesanan Jualan Tertunda.
- (v) Ambilan Untung bagi semua pesanan tertunda.
- (vi) Ambilan Untung bagi pesanan Belian Tertunda.
- (vii) Ambilan Untung bagi pesanan Jualan Tertunda.
- (viii) Hentian *Trailing* bagi kedua-dua pesanan.

(8 markah)

BAHAGIAN B

- S5** (a) Jelaskan langkah-langkah utama untuk membangunkan carta dagangan pasangan mata wang EURUSD dengan butir-butir di bawah ini:

Period 5 SMMA Shift 0 and 12 SMMA Shift 0

Bollinger Bands (12,0,3.0)

(10 markah)

- (b) Terangkan di mana tempat terbaik untuk

- (i) membuat dagangan JUALAN pendek
- (ii) membuat dagangan BELIAN panjang
- (iii) menutup posisi JUALAN pendek
- (iv) menutup posisi BELIAN panjang

(10 markah)

- S6** (a) Jelaskan langkah-langkah utama untuk membangunkan carta dagangan pasangan mata wang GBPUSD dengan butir-butir di bawah ini:

Period 5 SMMA Shift 0 and 12 SMMA Shift 0

MACD (10,21,1)

(10 markah)

- (b) Terangkan di mana tempat terbaik untuk

- (i) membuat dagangan JUALAN pendek
- (ii) membuat dagangan BELIAN panjang
- (iii) menutup posisi JUALAN pendek
- (v) menutup posisi BELIAN panjang

(10 markah)

THIS QUESTION IN ENGLISH

SECTION A

Q1 (a) Define foreign exchange (forex) e-commerce.

(4 marks)

(b) Discuss the terms below

- (i) Fundamental Analysis
- (ii) Fundamental Indicators
- (iii) Technical Analysis
- (iv) Technical Indicators
- (v) Base Currency
- (vi) Counter Currency
- (vii) Pips
- (viii) Spreads

(16 marks)

Q2 (a) Define an Internet banking.

(4 marks)

(b) List **EIGHT (8)** steps for open an Internet banking account.

(8 marks)

(c) Discuss steps to transfer deposit fund between your Internet Banking account to InstaForex Company account.

(8 marks)

Q3 (a) Define a Scalping Strategy.

(4 marks)

(b) Illustrate Scalping Strategy source code program below to flow chart diagram.

(i) MakeSellOrder Function

```
void MakeSellOrder(double InitLots)
{
    int ticketno;
    double TargetStopLoss;
    TargetStopLoss = Bid+Point*StopLoss;
    ticketno=OrderSend(XSymbol,OP_SELL,InitLots,Bid,slip
page,TargetStopLoss,0,Name_Expert+Version,MagicKey[2
],0,ArrowsColorDown);
    if(ticketno == -1) { //error check
        if(GetLastError()==130)
            Print("error 130 Symbol= ",XSymbol,"
OP_SELL Lot =",InitLots," Bid =",Bid,"
Slippage=",slippage," TargetStopLoss
=",TargetStopLoss);
        }
    }
}
```

(8 marks)

(ii) MakeBuyOrder Function

```

void MakeBuyOrder(double InitLots)
{
    int ticketno;
    double TargetStopLoss;
    TargetStopLoss = Ask-Point*StopLoss;
    ticketno=OrderSend(XSymbol,OP_BUY,InitLots,Ask,slippage,TargetStopLoss,0,Name_Expert+Version,MagicKey[1],0,ArrowsColorUp);
    if(ticketno == -1) { //error check
        if(GetLastError()==130)
            Print("error 130 Symbol= ",XSymbol," OP_BUY Lot =",InitLots," Ask =",Ask," Slippage=",slippage," TargetStopLoss =",TargetStopLoss);
        }
    }
}

```

(8 marks)

Q4 (a) Describe between Customs Indicators and Expert Advisors.

(6 marks)

(b) Explain Customs Indicators below:

- (i) Moving Average
- (ii) Bollinger Bands
- (iii) Moving Average Convergence_Divergence (MACD)

(6 marks)

(c) Given the Simple Price-Based Trading Systems information below

Table Q4(c): Simple Price_Based Trading Systems Information

The current price EURUSD currency pair is 1.4810, the current bar's open price is 1.4832
Key number should be calculated first. It's based on the current price. For the quotes with 4 digits after a dot the key value is the current price multiplied by 10 and then rounded. For the quotes with 2 digits after a dot the key value is the current price divided by 10 and the rounded.
Place pending Buy order at Current Price + (2 * Key value).
Place pending Sell order at Current Price - (2 * Key value).
Place stop-loss for pending Buy order at Open Price - (2 * Key value).
Place stop-loss for pending Sell order at Open Price + (2 * Key value).
Take-profit for both orders is calculated similarly to the key value but the current price should be multiplied by 100 for the quotes with 4 digits after a dot and shouldn't be divided for the quotes with 2 digits after a dot. In both cases the values should be rounded.
Trailing stop is also applied to the orders and is set to 2.5 * Key value.

Based on the table Q4(c), calculate the value for each item below

- (i) Pending Buy order level.
- (ii) Pending Sell order level.
- (iii) Stop-loss for pending Buy order.
- (iv) Stop-loss for pending Sell order.
- (v) Take-profit for all pending orders.
- (vi) Take-profit for pending Buy order.
- (vii) Take-profit for pending Sell order.
- (viii) Trailing stop for both orders.

(8 marks)

SECTION B

- Q5** (a) Describe the stages in the development of EURUSD trading Chart with details below:

Period 5 SMMA Shift 0 and 12 SMMA Shift 0

Bollinger Bands (12,0,3.0)

(10 marks)

- (b) Show where is a good place to

- (i) Opening a short **SELL** trade
- (ii) Opening a long **BUY** trade
- (iii) Closing a short **SELL** position
- (vi) Closing a long **BUY** position

(10 marks)

- Q6** (a) Describe the stages in the development of GBPUSD trading Chart with details below:

Period 5 SMMA Shift 0 and 12 SMMA Shift 0

MACD (10,21,1)

(10 marks)

- (b) Show where is a good place to

- (i) Opening a short **SELL** trade
- (ii) Opening a long **BUY** trade
- (iii) Closing a short **SELL** position
- (vi) Closing a long **BUY** position

(10 marks)