UNIVERSITI TUN HUSSEIN ONN MALAYSIA

PEPERIKSAAN AKHIR
SEMESTER II
SESI 2011/2012

NAMA KURSUS	:	PEMBANGUNAN APLIKASI E-DAGANG
KOD KURSUS	:	DAT 32504
PROGRAM	:	3 DAT
TARIKH PEPERIKSAAN	:	MAC 2012
JANGKA MASA	:	3 JAM
ARAHAN	:	JAWAB **SEMUA SOALAN**

KERTAS SOALAN INI MENGANDUNGI SEPULUH(10) MUKA SURAT

S1 (a) Takrifkan e-dagang broker forex.

(4 markah)

(b) Takrifkan Perbankan Internet.

(4 markah)

(c) Bincangkan terma-terma di bawah

(i) Analisis Fundamental
(ii) Indikator Fundamental
(iii) Analisis Teknikal
(iv) Indikator Teknikal

(12 markah)

S2 (a) Terangkan Pesanan Pasaran dan Pesanan Tertunda.

(4 markah)

(b) Diberi maklumat di bawah

```
Pasangan Mata Wang        : GBPUSD
Nilai Pasangan Mata Wang  : 1.5717
Hentian Rugi              : 30 pips
Ambilan Untung            : 60 pips
```

Terangkan bagaimana untuk menetapkan

(i) Pesanan Takat Belian
(ii) Pesanan Hentian Belian
(iii) Pesanan Takat Jualan
(iv) Pesanan Hentian Jualan

(16 markah)

S3   (a)   Takrifkan Algorithma Hentian Penjejakan dalam Meta Trader 4.

(5 markah)

(b)   Illustrasikan kod sumber aturcara Hentian Penjejakan di bawah ini ke rajah carta alir .

(15 markah)

```
if (OrderType() == OP_BUY)
      {
          if ((Bid - OrderOpenPrice()) > TSTP)
          {
             if (OrderStopLoss() < (Bid - TSTP))
             {
                OrderModify(OrderTicket(),
OrderOpenPrice(), Bid - TSTP, OrderTakeProfit(), Red);
             }
          }
          else if ((OrderStopLoss() != Bid - StopLoss *
PointValue) && (StopLoss != 0))
             OrderModify(OrderTicket(), OrderOpenPrice(),
Bid - StopLoss * PointValue, OrderTakeProfit(), Red);
      }
      else if (OrderType() == OP_SELL)
      {
          if ((OrderOpenPrice() - Ask) > TrailingStop *
PointValue)
          {
             if ((OrderStopLoss() > (Ask + TrailingStop *
PointValue)) || (OrderStopLoss() == 0))
             {
                OrderModify(OrderTicket(),
OrderOpenPrice(), Ask + TSTP, OrderTakeProfit(), Red);
             }
          }
          else if ((OrderStopLoss() != Ask + StopLoss *
PointValue) && (StopLoss != 0))
             OrderModify(OrderTicket(), OrderOpenPrice(),
Ask + StopLoss * PointValue, OrderTakeProfit(), Red);
      }
```

S4 (a) Jelaskan antara Dagangan Manual dan Dagangan Auto.

(6 markah)

(b) Terangkan sistem dagangan mekanikal di bawah.

(i) Penasihat Pakar
(ii) Indikator Langganan
(iii) Skrip

(6 markah)

(c) Diberi keratan aturcara di bawah.

```
#define SIGNAL_NONE 0
#define SIGNAL_BUY   1
#define SIGNAL_SELL  2
#define SIGNAL_CLOSEBUY 3
#define SIGNAL_CLOSESELL 4
```

Tuliskan sebahagian kod sumber aturcara bagi

(i) Signal Begin(Exit Buy)

(ii) Signal Begin(Exit Sell)

(8 markah)

S5 (a) Jelaskan langkah-langkah utama untuk membangunkan carta dagangan GBPUSD seperti yang ditunjukan dalam rajah S5 dengan butir-butir di bawah ini:

```
Period 5 EMA Shift 0 and 5 EMA Shift 2
```
(5 markah)

(b) Tunjukkan di mana tempat terbaik untuk

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

(8 markah)

(c) Tuliskan sebahagian kod sumber aturcara bagi **expert start function** untuk dagangan BELIAN panjang dan JUALAN pendek dengan diberi maklumat di bawah.

```
double Buy1_1 = iMA(NULL, PERIOD_M5, 5, 0, MODE_EMA,
PRICE_CLOSE, Current + 0);

double Buy1_2 = iMA(NULL, PERIOD_M5, 5, 2, MODE_EMA,
PRICE_CLOSE, Current + 0);

double Sell1_1 = iMA(NULL, PERIOD_M5, 5, 0,
MODE_EMA, PRICE_CLOSE, Current + 0);

double Sell1_2 = iMA(NULL, PERIOD_M5, 5, 2,
MODE_EMA, PRICE_CLOSE, Current + 0);
```
(7 markah)

Q1 (a) Define forex broker e-commerce.

(4 marks)

(b) Explain an Internet banking.

(4 marks)

(c) Discuss the terms below

(i) Fundamental Analysis
(ii) Fundamental Indicators
(iii) Technical Analysis
(iv) Technical Indicators

(12 marks)

Q2 (a) Explain Market Orders and Pending Orders.

(4 marks)

(b) Given the information below

```
Currency Pair        : GBPUSD
Currency Pair Value  : 1.5717
Stop Loss (S/L)      : 30 pips
Taking Profit (T/P)  : 60 pips
```

Explain how to place a

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

(16 marks)

Q3 (a) Define a Trailing Stop Algorithm in Meta Trader 4.

(5 marks)

(b) Illustrate Trailing Stop source code program below to flow chart diagram.

(15 marks)

```
if (OrderType() == OP_BUY)
    {
        if ((Bid - OrderOpenPrice()) > TSTP)
        {
            if (OrderStopLoss() < (Bid - TSTP))
            {
                OrderModify(OrderTicket(),
OrderOpenPrice(), Bid - TSTP, OrderTakeProfit(), Red);
            }
        }
        else if ((OrderStopLoss() != Bid - StopLoss *
PointValue) && (StopLoss != 0))
            OrderModify(OrderTicket(), OrderOpenPrice(),
Bid - StopLoss * PointValue, OrderTakeProfit(), Red);
    }
        else if (OrderType() == OP_SELL)
        {
            if ((OrderOpenPrice() - Ask) > TrailingStop *
PointValue)
            {
                if ((OrderStopLoss() > (Ask + TrailingStop *
PointValue)) || (OrderStopLoss() == 0))
                {
                    OrderModify(OrderTicket(),
OrderOpenPrice(), Ask + TSTP, OrderTakeProfit(), Red);
                }
            }
            else if ((OrderStopLoss() != Ask + StopLoss *
PointValue) && (StopLoss != 0))
                OrderModify(OrderTicket(), OrderOpenPrice(),
Ask + StopLoss * PointValue, OrderTakeProfit(), Red);
        }
```

Q4   (a)   Describe between Manual Trading and Auto Trading.

(6 marks)

(b)   Explain mechanical trading systems below:

(i)   Expert Advisors
(ii)   Customs Indicators
(iii) Scripts

(6 marks)

(c)   Given the following source code program fragment,

```
#define SIGNAL_NONE 0
#define SIGNAL_BUY   1
#define SIGNAL_SELL  2
#define SIGNAL_CLOSEBUY 3
#define SIGNAL_CLOSESELL 4
```

Write part of code base for

(i)   Signal Begin(Exit Buy)

(ii)   Signal Begin(Exit Sell)

(8 marks)

Q5 (a) Describe the stages in the development of GBPUSD trading Chart as given in Figure Q5 with details below:

```
Period 5 EMA Shift 0 and 5 EMA Shift 2
```

(5 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
(v) Closing a long **BUY** position

(8 marks)

(c) Write part of code base program for **expert start function** for long trades and short trades with information given below.

```
double Buy1_1 = iMA(NULL, PERIOD_M5, 5, 0, MODE_EMA,
PRICE_CLOSE, Current + 0);

double Buy1_2 = iMA(NULL, PERIOD_M5, 5, 2, MODE_EMA,
PRICE_CLOSE, Current + 0);

double Sell1_1 = iMA(NULL, PERIOD_M5, 5, 0, MODE_EMA,
PRICE_CLOSE, Current + 0);

double Sell1_2 = iMA(NULL, PERIOD_M5, 5, 2, MODE_EMA,
PRICE_CLOSE, Current + 0);
```

(7 marks)

PEPERIKSAAN AKHIR

SEMESTER/SESI : SEMESTER II/2011/2012   KURSUS   : 3 DAT
NAMA KURSUS   : PEMBANGUNAN APLIKASI E-DAGANG
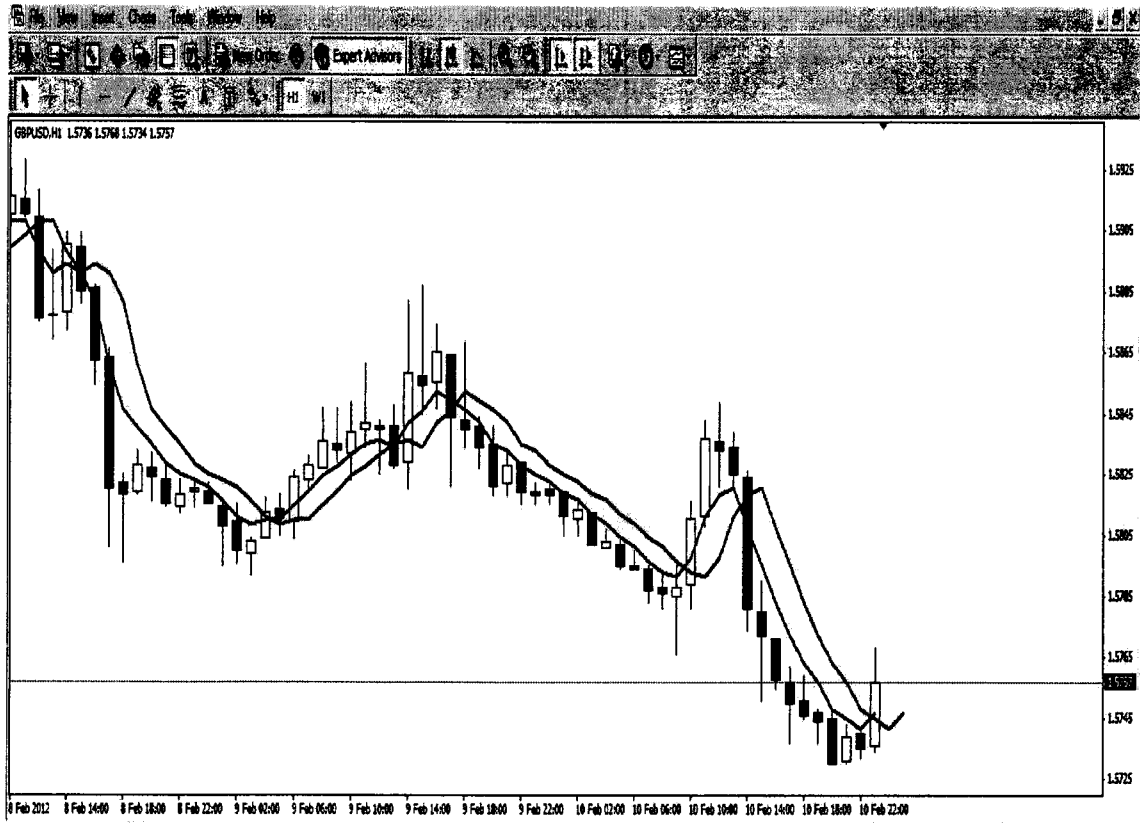   KOD KURSUS   : DAT32504

Figure Q5/Rajah S5