

MARK SCHEME for the October 2007 question paper

CAMBRIDGE INTERNATIONAL DIPLOMA IN ICT
5206A Website Programming, Maximum mark 100

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All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

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Data Entered:

Customer ID: 96521

Date Required: 2303

Delivery: N

StayOnList? 1

Gift Item: Ferry History Book

Fields as shown

Message says, "Data is saved"

Data is saved

John Smith 10 January 2007

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Data Entered:

Customer ID: 76349

Date Required: 0731

Delivery: 3

StayOnList? 0

Gift Item: DVD of Cruise

Fields as shown

Message says, "Data is not valid"

Data is not valid

John Smith 10 January 2007

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Requests for ferry book next day delivery

Customer ID Date Stay On List

15700	1306	1
53200	1003	1
59500	1004	1
63400	1907	1
96521	2303	1

Fields as shown

Records as shown –
check for “96521”

John Smith 10 January 2007

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```

<HTML>
<HEAD>
<title>Save Gift Information</title>
</HEAD>
<BODY>
<%
ID=Request.Form("CustomerID")
dt=Request.Form("datereq")
Delivery=Request.Form("Delivery")
StayOnList=Request.Form("StayOnList")
if StayOnList<>1 then StayOnList=0
item=Request.Form("item")

Response.write "<h2>Data Entered:</h2>"
Response.write "<p>Customer ID: " & ID & "</p>"
Response.write "<p>Date Required: " & dt & "</p>"
Response.write "<p>Delivery: " & Delivery & "</p>"
Response.write "<p>StayOnList? " & StayOnList & "</p>"
Response.write "<p>Gift Item: " & item & "</p>"
bDataValid=True
if left(dt,2)<1 or left(dt,2) >31 then bDataValid=False
if right(dt,2)<1 or right(dt,2)>12 then bDataValid=false
if not isnumeric(dt) then bDataValid=false
if bDataValid = true then
    Response.write "<h2>Data is saved</h2>"
    sSql="insert into Awpa7req (customerid,datereq,delivery,stayonlist,item)
values (" & id & "," & dt & "," & delivery & "," & StayOnList & "," &
Item & "')"
    sConn="Provider=Microsoft.Jet.OLEDB.4.0;Data Source=" &
server.mappath(".") & "\5206Aworked.mdb"
    set oConn=server.CreateObject("adodb.connection")
    set oRs=server.CreateObject("adodb.recordset")
    oConn.Open sConn
    oRs.Open sSql,oConn
else
    Response.write "<h2>Data is not valid</h2>"
end if
%>
</BODY>
</HTML>

```

Check that 3 tests are made – may be in one line of code or many but must be clearly highlighted

- Whole field is numeric
- First two digits in range 1-31
- Last two digits in range 1-12

Write confirmation message

Write data to database

Write failure message