

MARK SCHEME for the 2006 question paper

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| <p style="text-align: center;">CAMBRIDGE INTERNATIONAL DIPLOMA IN ICT 5206A Website Programming</p> |
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This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began.

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.

The grade thresholds for various grades are published in the report on the examination for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses.

- CIE will not enter into discussions or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the October/November 2006 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

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|---------------|---|-----------------|
| Page 2 | Mark Scheme | Syllabus |
| | Cambridge International Diploma – 2006 | 5206A |

Data Entered:

Name: John Keating

Phone: 964-765432

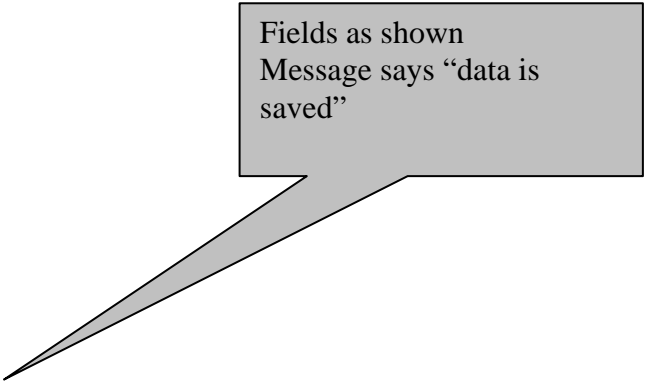
Gender: M

Previous? 1

Course: Art and Antiques

Your data is saved

John Smith 10 January 2006



Fields as shown
Message says "data is saved"

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| Page 3 | Mark Scheme | Syllabus |
| | Cambridge International Diploma – 2006 | 5206A |

Data Entered:

Name: Beatrice Parker

Phone: 912 615 234

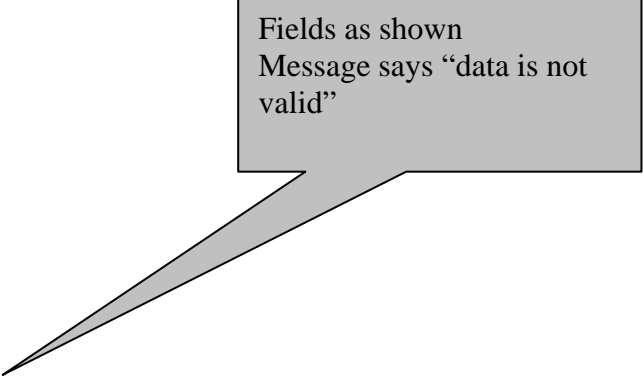
Gender: F

Previous? 0

Course: Wines of the World

Data is not valid

John Smith 10 January 2006



Fields as shown
Message says "data is not valid"

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|---------------|---|-----------------|
| Page 4 | Mark Scheme | Syllabus |
| | Cambridge International Diploma – 2006 | 5206A |

Requests by males for Art and Antiques

| Name | Phone | Previous |
|--------------------|------------|----------|
| David Oliver | 422-142312 | 0 |
| Edward Blyth | 189-066481 | 1 |
| Ben Gibb | 606-273546 | 1 |
| John Banian | 277-586895 | 1 |
| Michael Chivers | 864-557138 | 0 |
| Nicholas Armstrong | 76 | |
| Emyr Williams | 618-106390 | 1 |
| Richard Boles | 663-472520 | 0 |
| Patrick Raleigh | 311-943876 | 0 |
| Thomas Benson | 795-218948 | 1 |
| Toby Brown | 390-965511 | 0 |
| John Keating | 964-765432 | 1 |

Fields as shown
Records as shown –
check for “John
Keating”

John Smith 10 January 2006

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| Page 5 | Mark Scheme | Syllabus |
| | Cambridge International Diploma – 2006 | 5206A |

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<html>
  <head>
    <title>Stella Hotel</title>
  </head>
  <body>
    <h1>Stella Hotel</h1>
    <p>Please fill in the information below</p>
    <p>Name: </p>
    <form action="savedata.asp" method="post">
      <p><input name="name"></p>
      <p>Phone number (enter as 987-123456)</p>
      <p><input name="phone"></p>
      <p>Gender: Male: &nbsp;</p>
      <input id="Radio1" type="radio" value="M" name="gender"> Female: &nbsp;</p>
      <input id="Radio2" type="radio" value="F" name="gender"></p>
      <p>Tick this box if you have previously attended a course:
      <input id="previous" type="checkbox" name="previous" value="1"></p>
      <p>Course: </p>
      <p><select id="course" size="4" name="course">
        <option value="Gardens and Gardening">Gardens and Gardening</option>
        <option value="Wines of the World">Wines of the World</option>
        <option value="Art and Antiques">Art and Antiques</option>
        <option value="Great Literature">Great Literature</option>
      </select></p>
      <p><input id="Submit1" type="submit" value="Save" name="Submit1"></p>
    </form>
  </body>
</html>

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| Page 6 | Mark Scheme | Syllabus |
| | Cambridge International Diploma – 2006 | 5206A |

```

<HTML>
<HEAD>
<title>Save Course Information</title>
</HEAD>
<BODY>
<%
name=Request. Form("name")
phone=Request. Form("phone")
gender=Request. Form("gender")
previous=Request. Form("previous")
if previous<>"1" then previous="0"
course=Request. Form("course")

Response. Write "<h2>Data Entered:</h2>"
Response. Write "<p>Name: " & name & "</p>"
Response. write "<p>Phone: " & phone & "</p>"
Response. Write "<p>Gender: " & Gender & "</p>"
Response. Write "<p>Previous? " & previous & "</p>"
Response. Write "<p>Course: "& course & "</p>"
if isnumeric(left(phone, 3)) and (isnumeric(mid(phone, 5, 6))) and
mid(phone, 4, 1)="-" then
Response. Write "<h2>Your data is saved</h2>"
sSql="insert into Awp6areq (name, phone, gender, previous, course) values
(' & name & ',' & phone & ',' & gender & ',' & previous & ',' &
course & ')"
sConn="Provider=Microsoft. Jet. OLEDB. 4. 0; Data Source=" &
server. mapath(".") & "\worked.mdb"
set oConn=server. CreateObject("adodb. connecti on")
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
First 3 characters numeric
4th character is a “-“
Last 6 characters numeric

Write data to
database