

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

Cambridge International Diploma Advanced Level

MARK SCHEME for the 2004 question paper

CAMBRIDGE INTERNATIONAL DIPLOMA IN ICT

5206 Website Programming, maximum mark 100

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 initially instructed to award marks. They do not indicate the details of the discussions that took place at an Examiners' meeting before marking began. Any substantial changes to the mark scheme that arose from these discussions will be recorded in the published *Report on the Examination*.

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*.

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

2004

CAMBRIDGE INTERNATIONAL DIPLOMA
Advanced Level

MARK SCHEME

MAXIMUM MARK: 100

PAPER: 5206/A
ICT (Website Programming)

Page 1	Mark Scheme	Paper
	CAMBRIDGE INTERNATIONAL DIPLOMA – 2004	5206/A

Data Entered:

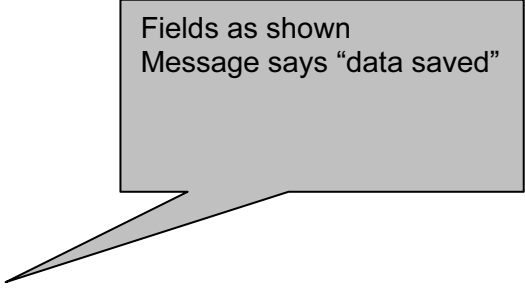
Name: John Smith

email: johnsmith82@hotmail.com.ta

age: 1

Regular? yes

Type: Water Sports



Fields as shown
Message says "data saved"

Your data has been saved

John Smith Candidate 9999

Page 2	Mark Scheme	Paper
	CAMBRIDGE INTERNATIONAL DIPLOMA – 2004	5206/A

Data Entered:

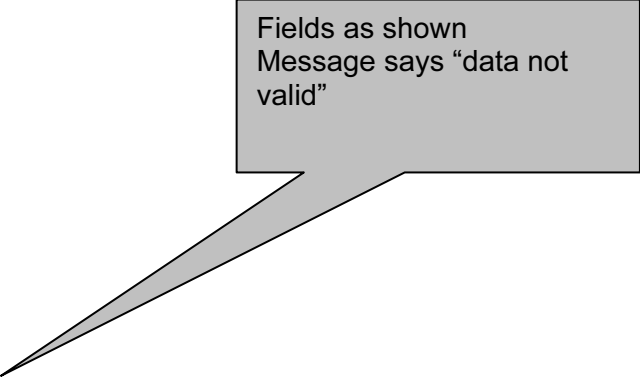
Name: Alan Jones

email: alan_j.yahoo.co.ta

age: 2

Regular? yes

Type: Gourmet Cooking



Fields as shown
Message says "data not valid"

Data not valid

John Smith Candidate 9999

Page 3	Mark Scheme	Paper
	CAMBRIDGE INTERNATIONAL DIPLOMA – 2004	5206/A

Water Sports brochure requests

Mark Leicester	JB25544@aol.com.ta	no
Alexander Moorhouse	WC3964@aol.com.ta	yes
Jeremy White	TM53682@aol.com.ta	yes
Martin Gibson	MT13299@aol.com.ta	yes
Damian Rivlin	GA18503@aol.com.ta	yes
James Watson	SB42215@aol.com.ta	yes
Sunil Badiani	EC27277@aol.com.ta	yes
John Smith	johnsmith@postbox.com.ta	yes
Robert Amor	RAmor@hotmail.com.ta	yes
Joseph Bonnell	JBonnell@hotmail.com.ta	no
Sam Bryant	SBryant@hotmail.com.ta	no
Oliver Egan	OEgan@hotmail.com.ta	yes
Vishwas Gupta	VGupta@hotmail.com.ta	no
Daniel Hewitt	DHewitt@hotmail.com.ta	no
Alexander Johnson	AlexJohn@yahoo.com.ta	no
Thomas Martin	ThomMart@yahoo.com.ta	no
Gareth Stoneman	Gareth.Stoneman@postbox.com.ta	yes
Richard Winstanley	Richard.Winstanley@postbox.com.ta	no
Gurbir Anand	Gurbir.Anand@postbox.com.ta	yes
Daniel Brogan	Daniel.Brogan@postbox.com.ta	no
Simon Brooke	Simon.Brooke@postbox.com.ta	yes
Matthew Conacher	Matthew.Conacher@postbox.com.ta	no
Henry de Vroome	Henry.de Vroome@postbox.com.ta	Yes

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

John Smith Candidate 9999

Page 4	Mark Scheme	Paper
	CAMBRIDGE INTERNATIONAL DIPLOMA – 2004	5206/A

```

<HTML>
<HEAD>
<title>Save Hotel Information IVA</title>
</HEAD>
<BODY>

<%
name=Request.Form("name")
email=Request.Form("email")
age=Request.Form("age")
regular=Request.Form("regular")
if regular<>"yes" then regular="no"
holtype=Request.Form("holtype")
atpos=instr(email,"@")
dotpos=instr(atpos,email, ".")
Response.Write "Data Entered:"
Response.Write "<p>Name: " & name & "</p>"
Response.write "<p>email: " & email & "</p>"
Response.Write "<p>age: " & age & "</p>"
Response.Write "<p>Regular? " & regular & "</p>"
Response.Write "<p>Type: "& holtype & "</p>"
if atpos=0 or dotpos<0 then
    Response.Write "<h2>Data not valid</h2>"
else
    Response.Write "<h2>Your data has been saved:</h2>"
    Response.Write "<p>Name: " & name & "</p>"
    Response.write "<p>email: " & email & "</p>"
    Response.Write "<p>age: " & age & "</p>"
    Response.Write "<p>Regular? " & regular & "</p>"
    Response.Write "<p>Type: "& holtype & "</p>"
    sSql="insert into requests (name,email,age,regular,holtype) values ('" & name & "','" & email & "','" & age
    & "','" & regular & "','" & holtype & "'"")
    sConn="Provider=Microsoft.Jet.OLEDB.4.0;Data Source=c:\inetpub\wwwroot\sr\5206a\data.mdb"
    set oConn=server.CreateObject("adodb.connection")
    set oRs=server.CreateObject("adodb.recordset")
    oConn.Open sConn
    oRs.Open sSql,oConn
end if

%>
</BODY>
</HTML>

```

Find position of @ sign
 Find position of . after @ sign
 Check @ and . OK and flag error or flag OK

Write data into database

2004

CAMBRIDGE INTERNATIONAL DIPLOMA
Advanced Level

MARK SCHEME

MAXIMUM MARK: 100

PAPER: 5206/B
ICT (Website Programming)

Page 2	Mark Scheme	Paper
	CAMBRIDGE INTERNATIONAL DIPLOMA – 2004	5206/B

Data Entered:


registration: B12857

retdate: 20040102

petrol: 1

clean? no

location: Mackay



Fields as shown
Message says "data has
been saved"

Your data has been saved

John Smith Candidate 9999

Page 3	Mark Scheme	Paper
	CAMBRIDGE INTERNATIONAL DIPLOMA – 2004	5206/B

Data Entered:

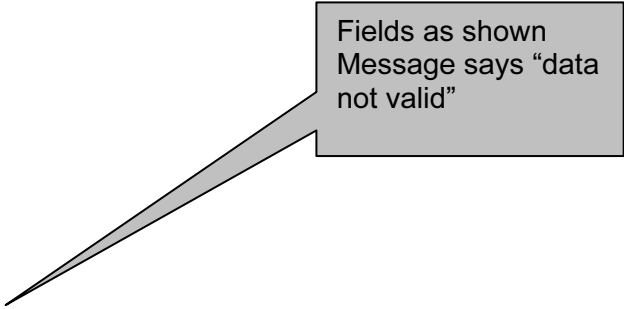
registration: A98712

retdate: 1feb04

petrol: 2

clean? yes

location: Bundaberg



Fields as shown
Message says "data
not valid"

Data not valid

John Smith Candidate 9999

Returns to Mackay - dirty

Registration	Date	Petro
F2742Q	2003050	1
Q4162W	2003070	2
L5842Z	2003040	1
C1461Z	2003112	2
I6583F	2003072	2
Y6785W	2003112	1
H2437H	2003110	2
H4436O	2003051	2
C6993Y	2003102	2
J7144U	2003021	2
J8571I	2003082	1
F8824O	2003050	2
V9403C	2003011	2
C4219C	2003020	1
G9765S	2003082	2
K3073X	2003042	2
F2790H	2003032	2
B12857	2004010	1

Fields as shown
Records as shown
(check for B12857)

John Smith Candidate 9999

Page 5	Mark Scheme	Paper
	CAMBRIDGE INTERNATIONAL DIPLOMA – 2004	5206/B

```

<HTML>
<HEAD>
<title>Save Car Information IVB</title>
</HEAD>
<BODY>

<%
registration=Request.Form("registration")
RetDate=Request.Form("RetDate")
petrol=Request.Form("petrol")
clean=Request.Form("clean")
if clean<>"yes" then clean="no"
location=Request.Form("location")

Response.Write "<h2>Data Entered:</h2>"
Response.Write "<p>registration: " & registration & "</p>"
Response.write "<p>retdate: " & retdate & "</p>"
Response.Write "<p>petrol: " & petrol & "</p>"
Response.Write "<p>clean? " & clean & "</p>"
Response.Write "<p>location: "& location & "</p>"
if ucase(left(registration,1))<"A" or ucase(left(registration,1))>"Z" or len(retdate)<>8 then
    Response.Write "<h2>Data not valid</h2>"
else
    Response.Write "<h2>Your data has been saved</h2>"
    sSql="insert into returns (registration,retdate,petrol,clean,location) values ('"& registration &
    "'," & retdate & "'," & petrol & "'," & clean & "'," & location & "'")
    sConn="Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=c:\inetpub\wwwroot\sr\5206b\data.mdb"
    set oConn=server.CreateObject("adodb.connection")
    set oRs=server.CreateObject("adodb.recordset")
    oConn.Open sConn
    oRs.Open sSql,oConn
end if

%>
</BODY>
</HTML>

```

Check first character in range A to Z and check retdate is 8 characters long. Flag error if not else save data