MARK SCHEME for the October/November 2010 question paper

for the guidance of teachers

0417 INFORMATION AND COMMUNICATION TECHNOLOGY

0417/03   Paper 3 (Practical Test B), maximum raw mark 80

This mark scheme is published as an aid to teachers and candidates, 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, which would have considered the acceptability of alternative answers.

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

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

CIE is publishing the mark schemes for the October/November 2010 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

Candidate name   Centre number   Candidate number

Header   name, candidate no, centre no   1 mark

Destination   Lookup used   1 mark
               Correct lookup reference   1 mark
               Lookup - relative reference   1 mark
               External file for code   1 mark
               Correct range   1 mark
               Range – absolute reference   1 mark
               Correct return column   1 mark

Trips   Correct function   1 mark
               Correct named range - DC   1 mark
               Correct lookup reference   1 mark
               Reference – relative   1 mark

Destination	Code	Trips	Days	Average duration
=VLOOKUP(B2,NXDEST.csv!$A$2:$B$17,2)	BRA	=COUNTIF(DC,B2)	=SUMIF(DC,B2,DU)	=ROUND((D2/C2),0)
=VLOOKUP(B3,NXDEST.csv!$A$2:$B$17,2)	CUB	=COUNTIF(DC,B3)	=SUMIF(DC,B3,DU)	=ROUND((D3/C3),0)
=VLOOKUP(B4,NXDEST.csv!$A$2:$B$17,2)	JAM	=COUNTIF(DC,B4)	=SUMIF(DC,B4,DU)	=ROUND((D4/C4),0)
=VLOOKUP(B5,NXDEST.csv!$A$2:$B$17,2)	IND	=COUNTIF(DC,B5)	=SUMIF(DC,B5,DU)	=ROUND((D5/C5),0)
=VLOOKUP(B6,NXDEST.csv!$A$2:$B$17,2)	MAL	=COUNTIF(DC,B6)	=SUMIF(DC,B6,DU)	=ROUND((D6/C6),0)
=VLOOKUP(B7,NXDEST.csv!$A$2:$B$17,2)	TUR	=COUNTIF(DC,B7)	=SUMIF(DC,B7,DU)	=ROUND((D7/C7),0)
=VLOOKUP(B8,NXDEST.csv!$A$2:$B$17,2)	USA	=COUNTIF(DC,B8)	=SUMIF(DC,B8,DU)	=ROUND((D8/C8),0)

Days   Correct function   1 mark
               Correct named range - DC   1 mark
               Correct lookup reference relative
                                             1 mark
               Correct named range - DU   1 mark

Ave Duration D2/C2 or AVERAGEIF   1 mark
              ROUND to 0 dp   1 mark

Replication   All 4 formulae   1 mark
Form & Labels All items fully visible   1 mark
Orientation   Landscape & fit to page   1 mark
Print area   Selected data only   1 mark

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Candidate name   Centre number

Chart	Vertical bars	1 mark
	Correct data	1 mark
Title	100% correct	1 mark
Labels	Months fully visible	1 mark
Legend	No legend	1 mark

Average holiday duration per month
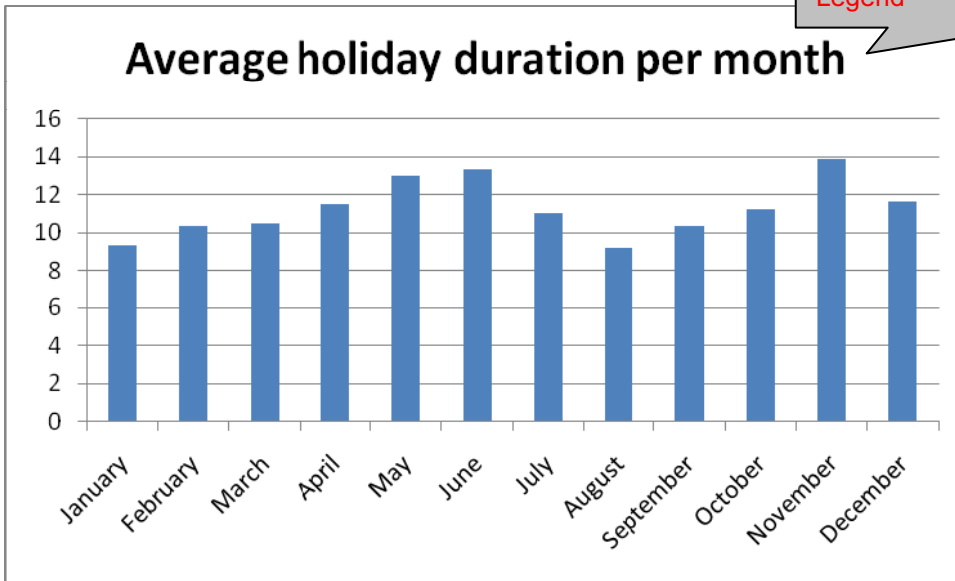
Orientation	Portrait	1 mark
Rows 10 to 23	Hidden	1 mark
Rows 1 and 24	Right aligned	1 mark
	Italic and underscore	1 mark
Search	DCode=USA OR Cuba	1 mark
	AND Discount = Y	1 mark

Candidate name

Destination	Code	Trips	Days	Average duration	
Brazil	BRA	13	152	12	
Cuba	CUB	7	76	11	
Jamaica	JAM	9	104	12	
India	IND	14	164	12	
Maldives	MAL	11	139	13	
Tunisia	TUR	12	122	10	
America	USA	8	97	12	
Day	Month	Year	DCode	Discount	Duration
18	11	2010	USA	Y	21
4	7	2010	CUB	Y	7
3	4	2010	CUB	Y	14
5	7	2010	USA	Y	14
23	12	2010	USA	Y	7
19	10	2010	USA	Y	10
4	11	2010	USA	Y	14
25	5	2010	CUB	Y	10

Candidate name   Centre number   candidate number

```
<HTML>
  <HEAD>
    <TITLE>Relaxing Holiday Company - Snowzone</TITLE>
    <link rel="stylesheet" type ="text/css" href="NXstyle2.css">
  </HEAD>
<BODY>

<a name="TOP"></a>
<TABLE width="100%" id="top">
  <TR>
    <TD colspan = "4">
      <h3>Last edited by Candidate name, centre number, candidate number</h3>
    </TD>
  </TR>
  <TR align="center" valign="center">
    <TD colspan = "4"> <img src ="NXTITLE.jpg"></TD>
  </TR>
  <TR><h3></h3>
  </TR>
  <TR>
    <TD>
      <h2>Skiing
    </TD>
    <TD>
      <h2>Snowboarding
    </TD>
    <TD>
      <h2>Resorts
    </TD>
    <TD>
      <h2>Family holidays
    </TD>
  </TR>
</TABLE>

<TABLE width = 80% align="center" id"=middle">
  <TR>
    <TD rowspan = "4"><img src ="NXBoard2.jpg" width=150px></TD>
    <TD width=50 rowspan = "4"></TD>
    <TD> <h3>We offer holidays to suit your every need. We can often make dreams come true.</TD>
  </TR>
  <TR>
    <TD> <h3>Let us arrange your holiday for you. We will collect you from your home and offer the
best service of any holiday company in the world.</TD>
  </TR>
  <TR>
    <TD> <h3>Combine this service with superb value for money. Contact us with your requirements
and we are sure that we will not disappoint you.</TD>
  </TR>
  <TR>
    <TD><h3> Why not relax with a chilling winter holiday on the slopes. We can cater for a range of
destinations, both short haul and long haul and can offer some of the best 'off piste' skiing and
boarding. Try out catered chalets for the ultimate luxury. Leave the slopes and return to the chalet to
find a superb a la carte dinner prepared for you by one of the world's finest chefs. You will not find
```

Stylesheet   Most appropriate   1 mark

Anchor Top above table in body section
1 mark

NXBoard2.JPG   width 150   1 mark
Aspect ratio ok   1 mark

Candidate name   Centre number   candidate number

these holidays in any brochure. Each holiday is unique to your requirements. Contact us using the link below for further details.</h3></TD>
  </TR>
</TABLE>

```
<TABLE width="100%" id="bottom">
  <TR>
    <TD>
      <h2><img src ="NXIMG6.jpg">
    </TD>
    <TD>
      <h2><img src ="NXIMG5.jpg">
    </TD>
    <TD>
      <h2><img src ="NXIMG1.jpg" width=160px height=160px >
    </TD>
    <TD>
      <h2><img src ="NXIMG2.jpg" width=160px height=
    </TD>
  </TR>
  <TR align="center" valign="center">
      <TD colspan = "4"><a href="http://www.hothouse-design.co.uk" target="_hosting"><img src
          ="NXFOOTER.jpg"></a></TD>
  </TR>
  <TR align="left">
    <TD colspan = "4">
      <h3><a href="#TOP">Click Here</a> to return to the top of the page.</h3>
    </TD>
  </TR>
</TABLE>
</BODY>
</HTML>
```

Target	from NXfooter.jpg	1 mark
	target = "_hosting"	1 mark
	to hothouse website	1 mark

Hyperlink	Click Here	1 mark
	Returns to Top	1 mark

Candidate name   Centre number   candidate number

Top left   Last edited by & NAME & No's   1 mark

Bottom table
- Ski image replace text and left   1 mark
- Board image replace text and 2nd   1 mark
- Ski lesson image replace text and 3rd   1 mark
- Ski lesson resized to 160 & aspect   1 mark
- Contact image replace text and resized to 160 wide   1 mark
  - & 160 high   1 mark

Candidate name   Centre number   candidate number

Master slide items

The Relaxing Holiday Company

Title	100% correct, top left, serif	1 mark
Lines	Vertical yellow	1 mark
	Diagonal yellow	1 mark
	Top horizontal yellow	1 mark
	Bottom horizontal yellow	1 mark

| Name & No's | Below line – centre align | 1 mark |
| | Serif font | 1 mark |

Candidate name, number & centre number   #

Bottom left	Clip art, Snowflake/skier/boarder	1 mark
Bottom right	Auto number	1 mark
Master objects	Not overlapping	1 mark

File	Imported NXPres.rtf	1 mark
Blank slide	Removed	1 mark
Slide moved	Slide 4 becomes slide 1	1 mark
Bullets removed	1st line slide 1 and 3	1 mark

The Relaxing Holiday Company

Summary of my work

I have worked on a:
- Spreadsheet
- Web page
- Evidence document
- This presentation

Candidate name, number & centre number   1

The Relaxing Holiday Company

Stylesheets

- 3 stylesheets were tried
- I have chosen the best
- The best stylesheet is NXStyle2.css

Candidate name, number & centre number

Slide 2	Match html style chosen	1 mark
Image	NXlift.jpg right side	1 mark
	Resized to ½ height & no overlap	1 mark

Candidate name   Centre number   candidate number

Slide 3	Appropriate reason 1	1 mark
	Appropriate reason 2	1 mark

The Relaxing Holiday Company

Reason

I chose this stylesheet because:
- It has no table borders so the background image can be seen
- The blue text gives better contrast with the background than green.

Slide 4	Chart from step 14 placed	1 mark
	No overlap & all visible	1 mark

The Relaxing Holiday Company

Monthly analysis
- This chart shows the average length of the holidays taken each month:

Average holiday duration per month

Printout	2 slides per page	1 mark

Evidence document

Header	name, candidate no, centre no	1 mark

Create named range DC

DC	Correct named range	1 mark

New Name

Name: DC

Scope: Workbook

Comment:

Refers to: =NXSHEET!$D$25:$D$98

OK   Cancel

Candidate name   Centre number   candidate number
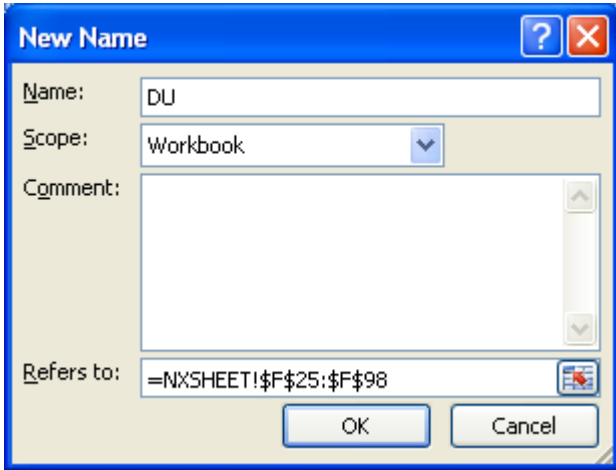
Named range DI
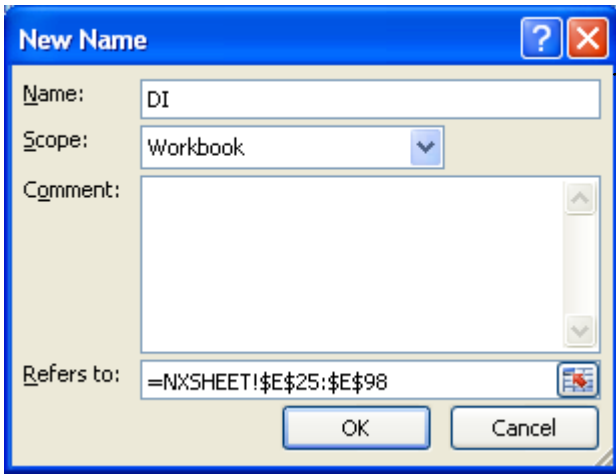
DI   Correct named range   1 mark

Named range DU

DU   Correct named range   1 mark

Candidate name   Centre number   candidate number

NXback2.jpg Resized to 1024 px wide   1 mark
Aspect ratio maintained   1 mark
(may not be saved yet – hence different name)

NXback3.jpg Image resolution <250K   1 mark
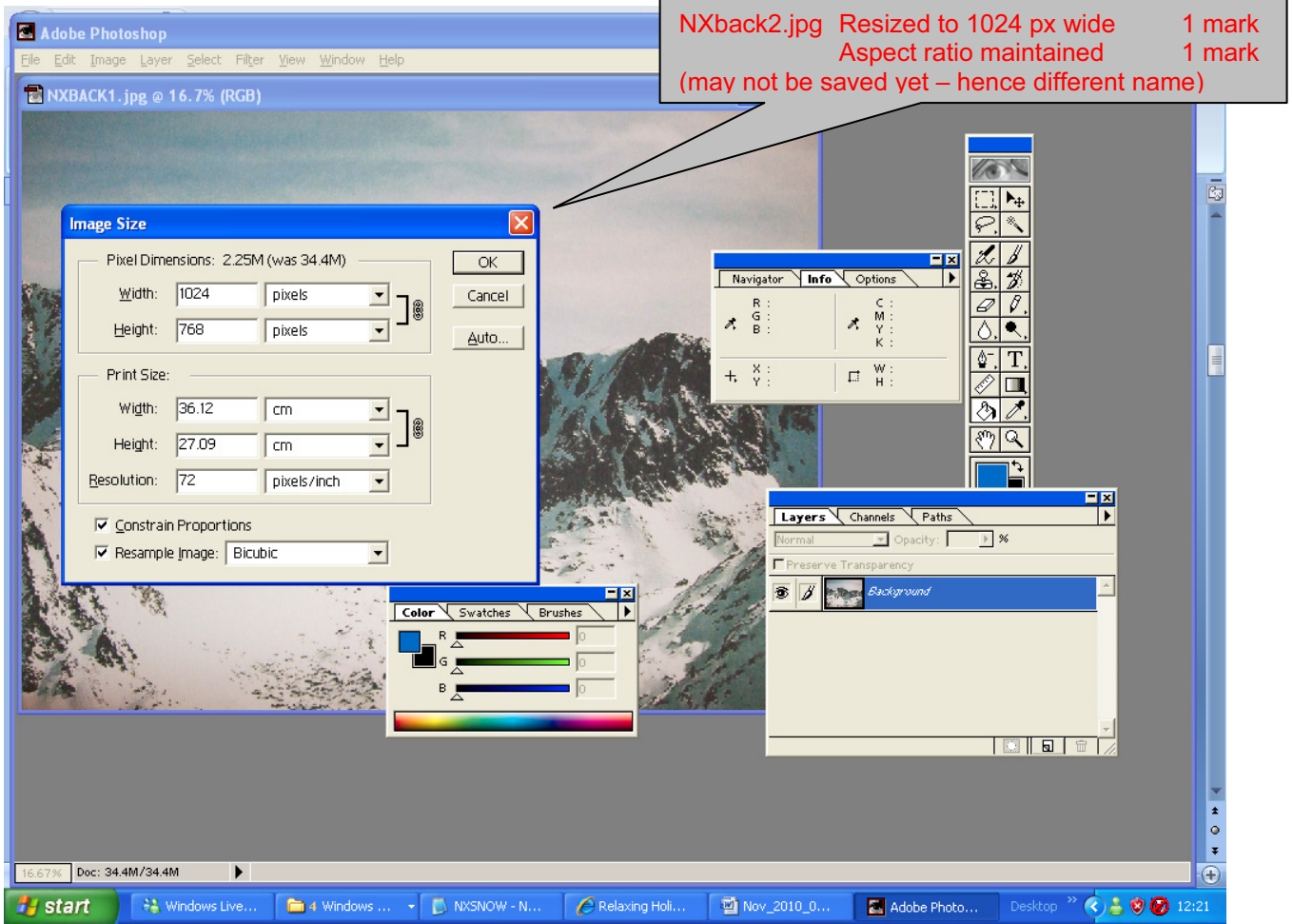
Candidate name   Centre number   candidate number