INFORMATION AND COMMUNICATION TECHNOLOGY **0417/32**

Paper 3 Practical Test B **May/June 2018**

MARK SCHEME

Maximum Mark: 80

Published

This document consists of **11** printed pages.

Generic Marking Principles

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

GENERIC MARKING PRINCIPLE 1:

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.

GENERIC MARKING PRINCIPLE 2:

Marks awarded are always **whole marks** (not half marks, or other fractions).

GENERIC MARKING PRINCIPLE 3:

Marks must be awarded **positively**:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit is given for valid answers which go beyond the scope of the syllabus and mark scheme, referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

GENERIC MARKING PRINCIPLE 4:

Rules must be applied consistently e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

GENERIC MARKING PRINCIPLE 5:

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

GENERIC MARKING PRINCIPLE 6:

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

Evidence 1

Browser view	In browser with no letters vis	1
Table	borders not visible	1
	Centre aligned in window	1
Top left	Cabin image not distorted	1
Top right	CCC logo resized (as shown)	1
Second row	Text 100% correct	1
	in h1	1
Third row	Text from file	1
	in h2	1
Last row	Website prepared for Hothouse Design by: <cand details>	1
	in h3	1

Evidence 2

```
<!DOCTYPE html>
<html>
 <head>
  <link rel="stylesheet" href="j1832ss.css">
  <base target="_self">
 </head>
 <body>
   <table border="0" style="margin-left:auto; margin-right:auto;
   width:900px">

   <tr style="height:577px;">
    <td rowspan=2 style="width:580px;">
```

Head section		
Stylesheet	j1832ss.css attached	1
Base target in head section…		1
…=”_self”		1

Table	width:900	1

Cell 1	rowspan=2	1
	width:580	1

```
<a
href="mailto:CCC@cambridgeinternational.org?subject=Information%20request">
<img src="j1832cabin.jpg" alt="Image of a log cabin" width=570px></a>
    </td>
```

Hyperlink	From j1832cabin.jpg	1
	href=“mailto:	1
	CCC@cambridgeinternational.org	1
	?subject=	1
	Information request”	1
Cabin Image	resized to width 570	1

2nd cell	width:320 height:445	1

```
    <td style="width:320px; height:445px"><img src="j1832logo.png"
alt="Image of CCC Logo" width=316px height=440px>
    </td>
   </tr>
```

Alt attribute	appropriate alt text for both images	1

Row 2	height:132	1

```
   <tr style="height:132px;">
    <td><h1>Colorado Cabin Company</h1>
    </td>
   </tr>
```

Row 3	height:200	1
	colspan = 2	1

```
   <tr style="height:200px;">
    <td colspan=2><h2>Colorado Cabin Company cabin rentals are a preferred
choice of accommodation for overnight guests to the Rocky Mountains. Our
cabins and chalets are ideal for honeymoons, anniversaries, family
vacations, company retreats and class or family reunions.
Our Colorado Cabin Company cabins and chalets offer all the convenience and
comfort of home. Each has a fully-equipped kitchen and spacious living area
with a log burner set into the fireplace. The larger cabins can easily
accommodate up to 18 people. All our cabins are located with spectacular
mountain views.
Find great value deals, with savings on one or two bedroom cabins. These
are perfect for couples, friends, families or groups. The cabins are
```

```
conveniently  located  close  to  Grand  Lake  in  the  heart  of  the  Rocky
Mountains. We are close to several world renowned ski resorts.
Click on the cabin image to contact us.</h2>
    </tr>
```

Row 4	height:80 & Colspan=2	1

```
    <tr style="height:80px;">
      <td colspan=2><h3>Website prepared for <a href="http://www.hothouse-
design.co.uk" target="_new">Hothouse Design</a> by: A Candidate, ZZ999,
9999</h3>
      </td>
    </tr>
```

Hyperlink	From **Hothouse Design** only	1
	href="http://www.hothouse-design.co.uk"	1
	target="_new"	1

```
    </table>
  </body>
</html>
```

Evidence 3

- Browser searches (through available fonts) for the font Times (and if found it is displayed).
- If the font Times is not available, browser searches for "Times New Roman"
- If neither is available, browser uses its pre-defined/default generic serif font.
- Speech marks are around "Times New Roman" to define it as a single string/so it does not search for Times

(1 mark for each, Max 4)

Evidence 4

3 new rows inserted at top	1
Rows 1 and 2	
A1 to F1 and A2 to F2 merged	1
Centre aligned font	1
Sans-serif font	1
Black background	1
100% accurate text	1
Row 1	
Largest font	1
Row 2	
Smaller font than row 1, taller than 4	1
Row 3	
Row height less than half row 4	1

	A	B
1	**Colorado Cabin Company**	
2	Genuine log cabins in the heart of the Rockies	
3		
4	Hire by day or week?	(d or w)
5	The cabin code is	
6		
7	Number of days/weeks hired	
8		
9	You are hiring a	cabin at a rate of
10		
11	The total cost is	
12		

Column A in rows 4–11	
Sans-serif font right aligned	1
Sheet	
A1:F11 with column widths fully visible	1

Evidence 5

| Validation rule restricts either the letter d or w | 1 |
| Validation rule restricts to allow <u>only</u> d or w | 1 |
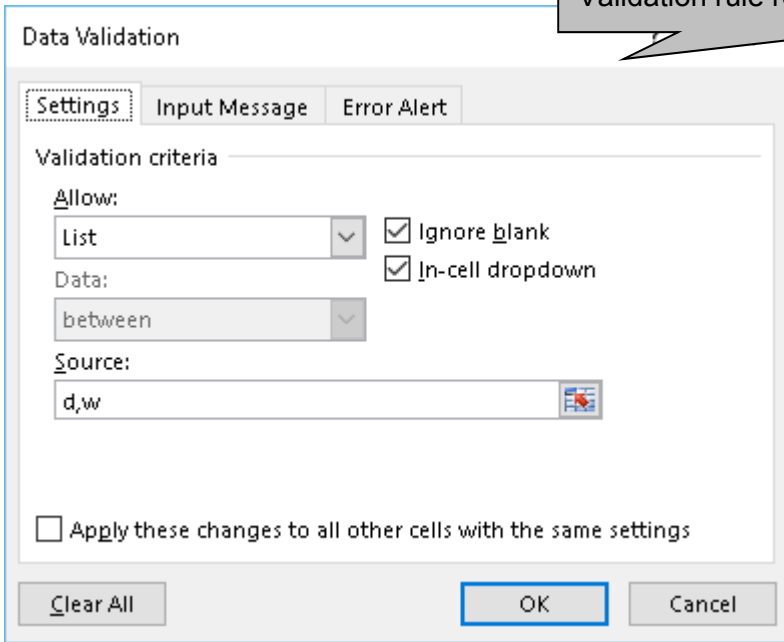
Evidence 6

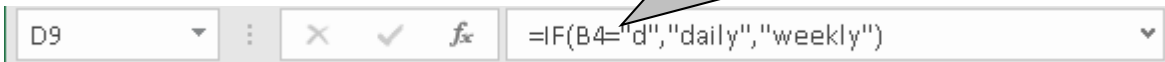| IF function used with () & correct syntax | 1 |
Condition e.g. B4="d"	1
correct response e.g. **"daily"** in speech marks	1
default response e.g. **"weekly"**	1

D9 | × ✓ ƒx   =IF(B4="d","daily","weekly")

Evidence 7

Evaluate:
- I have used data <u>validation</u> to restrict the data entry
- Data entry is restricted to <u>only</u> the items entered in <u>source list</u>/<u>range of cells</u>
- My validation rule only caters for lower case letters/should allow upper case letters
- My validation rule should not allow a blank cell in B4 as it could cause an error

Suggestion
- List source in validation rule should be extended to include D and W
- Remove tick box for 'ignore blank'/ prevent B4 containing no data

Improvement
- Improvement print screen, showing D and W added to accepted validation
- ignore blank tick removed if error mentioned above

or

To attain maximum 4 marks must have 1 mark from Evaluation, Suggestion & Improvement

25/05/2018

A Candidate, ZZ999, 9999

Header	Automated date on left	1
	Candidate details on the right	1

	A			E
1				Colorado Cabi
2				Genuine log cabins in the
4	Hire by day or week?	d	(d or w)	
5	The cabin code is	b		
6				
7	Number of days/weeks hired	3		
8				
9	You are hiring a	=VLOOKUP(B5,j1832cost.csv!$A$2:$B$10,2,FALSE)	cabin at a	=IF(B4="d","daily","weekly")	rate of
10				
11	The total cost is	=F9*B7		

Cell b9
VLOOKUP (…)   1
Reference to cell b5   1
Correct range j1832cost.csv!$A$2:$B$10   1
Correct return column   1
False parameter   1

Cell b11   =F9*B7   1

Landscape, row and column headings and all cell
contents fully visible   1

Footer   Automated file name with path on right   1

D:\CI\0417\2018\2018_Jun_0417_32\j1832_ZZ999_9999.xlsx

	F
1	n Company
2	e heart of the Rockies
3	
4	
5	
6	
7	
8	
9	=IF(B4="d",VLOOKUP(B5,j1832cost.csv!$A$2:$F$10,5,FALSE),IF(B4="w",VLOOKUP(B5,j1832cost.csv!$A$2:$F$10,6,FALSE),""))
10	
11	

Cell f9

=IF() with correct syntax	1
Valid test for daily	1
VLOOKUP used	1
Correct cell reference B5	1
Correct external file & range	1
Return column 5	1
False parameter	1
VLOOKUP function to return 6th/5th column with FALSE	1

	A	B	C	D	E	F
	25/05/2018					
1	Colorado Cabin Company					
2	Genuine log cabins in the heart of the Rockies					
4	Hire by day or week? w		[d or w]			
5	The cabin code is g					
6						
7	Number of days/weeks hired	2				
8						
9	You are hiring a	Granby	cabin at a	weekly	rate of	$484.00
10						
11	The total cost is	$968.00				

B4 contains w and B5 contains g and b7 contains 2 with correct cost and rate   1
Cells F9 and B11 formatted to 2dp in dollars   1
Single page and fully visible   1

	A	B	C	D	E	F
	25/05/2018					
1	Colorado Cabin Company					
2	Genuine log cabins in the heart of the Rockies					
4	Hire by day or week? d		[d or w]			
5	The cabin code is b					
6						
7	Number of days/weeks hired	3				
8						
9	You are hiring a	Breckenridge	cabin at a	daily	rate of	$75.00
10						
11	The total cost is	$225.00				

B4 contains d, B5 contains b and B7 contains 3 with correct cost and rate   1
Single page and fully visible   1