Cambridge IGCSE™ (9–1)

Published

Students did not sit exam papers in the June 2020 series due to the Covid-19 global pandemic.

This mark scheme is published to support teachers and students and should be read together with the question paper. It shows the requirements of the exam. The answer column of the mark scheme shows the proposed basis on which Examiners would award marks for this exam. Where appropriate, this column also provides the most likely acceptable alternative responses expected from students. Examiners usually review the mark scheme after they have seen student responses and update the mark scheme if appropriate. In the June series, Examiners were unable to consider the acceptability of alternative responses, as there were no student responses to consider.

Mark schemes should usually be read together with the Principal Examiner Report for Teachers. However, because students did not sit exam papers, there is no Principal Examiner Report for Teachers for the June 2020 series.

Cambridge International will not enter into discussions about these mark schemes.

Cambridge International is publishing the mark schemes for the June 2020 series for most Cambridge IGCSE™ and Cambridge International A & AS Level components, and some Cambridge O Level components.

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
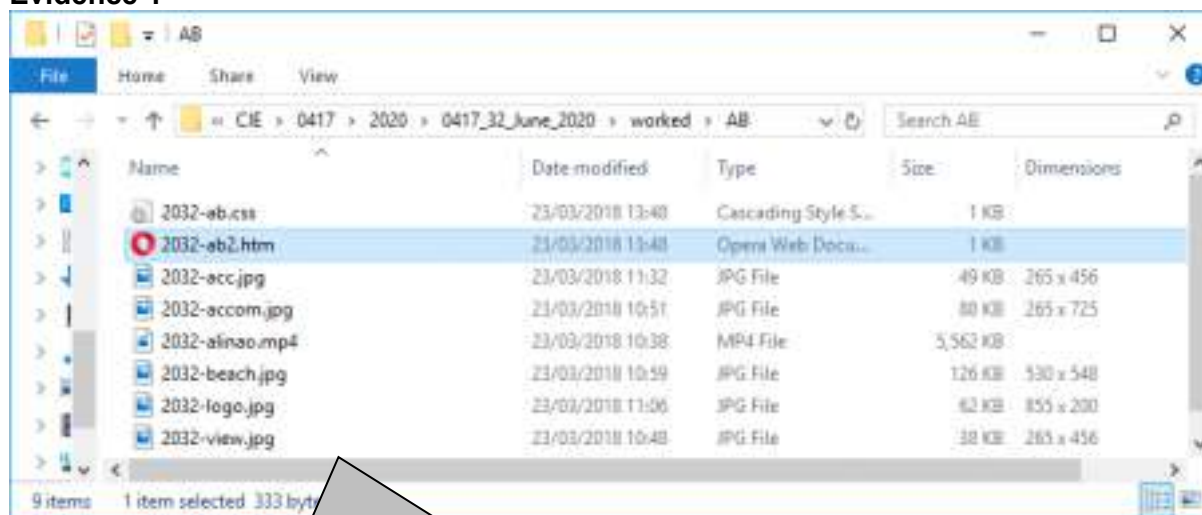
| Screen shot | folder name, filenames, dimensions, extensions, file sizes | 1 mark |
| 2032-acc.jpg | 265 x 456 pixels | 1 mark |

Evidence 2

In browser with no letters vis	1 mark
Borders/gridlines visible	1 mark
2032-logo.jpg visible	1 mark
Video seen	1 mark
Location ↓ Accommodation ↓ Beach	1 mark
In h2	1 mark
3 still images as shown	1 mark
All 3 images same width (265 pixels)	1 mark
Image not distorted when cropped.	1 mark
Staggered cells visible	1 mark
Web page last updated by A Candidate ZZ999 9999	1 mark
in h3	1 mark

Evidence 3

```
<!DOCTYPE html>
<html>
 <head>
  <link rel="stylesheet" type="text/css" href="2032-ab.css">
  <Title>Alinao Beach and Dive Resort Homepage</title>
  <base target="_blank">
 </head>
 <body>
```

Stylesheet	2032-ab.css attached	1 mark
Target	Base target="_blank"	1 mark

```
   <table border=1>

    <tr>
```

Table	width=855	1 mark
Top row	height=200	1 mark

```
     <td colspan=3 style="width:855px; height:200px;">
        <img src="2032-logo.jpg" alt="Company logo for Alinao Beach and Dive
Resort">
     </td>
    </tr>

    <tr>
     <td colspan=3 style="height:480px;">
       <video width="855" height="480" controls>
        <source src="2032-alinao.mp4" type="video/mp4">
         Your browser does not support this video file type.
       </video>
     </td>
    </tr>
```

Rows 1 and 2		
	colspan=3	1 mark
Row 2	height:480px	1 mark
	video <…> tag used …	1 mark
	… width="855" height="480"	1 mark
	Source<…> tag used …	1 mark
	… src="2032-alinao.mp4"	1 mark
	type="video/mp4"	1 mark
	Appropriate error message	1 mark

```
    <tr>
     <td style="width:265px; height:60px;">
       <h2><a href="2032-ab2.htm" target="_location">
       Location</a></h2>
     </td>
     <td style="width:265px; height:60px;">
       <h2>Accommodation</h2>
     </td>
     <td style="width:265px; height:60px;">
       <h2>Beach</h2>
     </td>
    </tr>
```

Row 3	All 3 cells - width:265; height:60	1 mark
Hyperlinks	Anchor around text Location	1 mark
	Anchor around image 2032-view.jpg	1 mark
	href="2032-ab2.htm"	1 mark
	target="_location"	1 mark

Row 4	Left 2 cells - width:265; height:456	1 mark
	Left 2 cells – rowspan=2	1 mark
Right cell	width:265; height:274	1 mark
2032-beach	Image resized to 265 wide with aspect ratio	1 mark

```
    <tr>
     <td rowspan=2 style="width:265px; height:456px;">
        <a href="2032-ab2.htm" target="_location">
        <img src="2032-view.jpg" alt="View from hotel grounds">
        </a>
     </td>
     <td rowspan=2 style="width:265px; height:456px;">
        <img src="2032-acc.jpg" alt="Image of rooms">
     </td>
     <td style="width:265px; height:274px;">
        <img src="2032-beach.jpg" alt="Image of beach" style="width:265px">
     </td>
    </tr>

    <tr>
     <td style="width:265px; height:162px;">
        <h3><a
href="mailto:ab@cambridgeinternational.org?subject=Enquiry%20about%20Alinao
">
        Web page last updated by A Candidate ZZ999 9999</a></h3>
     </td>
    </tr>

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

Row 5	width:265; height:162	1 mark
Hyperlink	Anchor around … all text in row 5	1 mark
	href="mailto:	1 mark
	ab@cambridgeinternational.org	1 mark
	?subject=	1 mark
	Enquiry about Alinao	1 mark
Alt attribute	appropriate alt text for all 4 images	1 mark

Evidence 4

Format G9	G9 conditional formatting applied	1 mark
	Format only cells that contain	1 mark
	Cell value less than 0	1 mark
	White text on red background	1 mark

Header	Edited by: space Name & numbers	1 mark
Footer	Edited on: space date space	1 mark
	at space automated time	1 mark
Both	Header & Footer in centre	1 mark

Alinao Beach and Dive Resort

Highest quarterly profit	$21,865	2
Lowest quarterly profit	-$3,277	
Average monthly profit	$4,210	
Average quarterly profit	$12,631	

Quarter	Month	Visitors	Income	Expenditure	Profit
	April	15	$16,515	$8,896	$7,619
1	May	15	$18,003	$12,089	$5,914
	June	11	$14,600	$10,530	$4,070
Sub-total		41	$49,118	$31,515	$17,603
	July	9	$12,048	$11,724	$324
2	August	8	$11,724	$8,632	$3,092
	September	23	$42,424	$23,975	$18,449
Sub-total		40	$66,196	$44,331	$21,865
	October	22	$38,698	$19,345	$19,353
3	November	12	$16,451	$23,041	-$6,590
	December	0	$0	$16,040	-$16,040
Sub-total		34	$55,149	$58,426	-$3,277
	January	7	$10,321	$5,324	$4,997
4	February	11	$15,087	$9,379	$5,708
	March	32	$40,320	$36,691	$3,629
Sub-total		50	$65,728	$51,394	$14,334
Annual total		165	$236,191	$185,666	$50,525

Row 1	Cells A1 to G1 merged & centre aligned	1 mark
	24 point	1 mark
	Orange font with good contrast	1 mark
	Black background	1 mark
A3:B6, C3 & totals	Gridlines	1 mark
A & B & row 8	Bold	1 mark
Column A	Right aligned	1 mark
C & row 8	Centre aligned	1 mark
4 Quarters	20 point	1 mark
	Centre aligned vertically and horizontally	1 mark
All text	Sans-serif font	1 mark
Numbers	Formatted as currency in $ with 0dp	1 mark
Values	Single page no row and col heads fully vis	1 mark

Edited by: A Candidate ZZ999 9999

	A	B	C
1		**Alinao Beach and Dive Resor**	
2			
3	Highest quarterly profit	=MAX(G12,G16,G20,G24)	=IF(B3=G12,B9,IF(B3=G16,B13,IF(B3=G20,B17,B21)))
4	Lowest quarterly profit	=MIN(G12,G16,G20,G24)	
5	Average monthly profit	=AVERAGE(G9:G11,G13:G15,G17:G19,G21:G23)	
6	Average quarterly profit	=AVERAGE(G12,G16,G20,G24)	
7			
8		**Quarter**	**Month**
9			April
10			May
11		**1**	June
12	Sub-total		
13			July
14			August
15		**2**	September
16	Sub-total		
17			October
18			November
19		**3**	December
20	Sub-total		
21			January
22			February
23		**4**	March
24	Sub-total		
25	Annual total		

B3	=MAX(…)	1 mark
	… G12,G16,G20,G24	1 mark
B4	=MIN(G12,G16,G20,G24)	1 mark
B5	=AVERAGE(…)	1 mark
	… G9:G11,G13:G15,G17:G19,G21:G23	1 mark
B6	=AVERAGE(G12,G16,G20,G24)	1 mark
C3	Nested IF statements	1 mark
	To generate correct quarter	1 mark

Edited by: A Candidate ZZ999 9999

Cell	Formula		Marks
D12	=SUM(D9:D11)		1 mark
E12	=SUM(E9:E11)		1 mark
F12	=SUM(F9:F11)		1 mark
Replication	All 3 formulae replicated for all quarters		1 mark
G9	=E9-F9		1 mark
G12	=SUM(G9:G11)	=E12-F12	1 mark
Row 25	Rows 12,16,20 and 24 added for all 4 cells		1 mark
	Row and column headings displayed		1 mark
	Landscape and fully visible		1 mark

	D	E	F	Profit (G)
1	rt			
2				
3				
4				
5				
6				
7				
8	Visitors	Income	Expenditure	Profit
9	15	16515	8896	=E9-F9
10	15	18003	12089	=E10-F10
11	11	14600	10530	=E11-F11
12	=SUM(D9:D11)	=SUM(E9:E11)	=SUM(F9:F11)	=SUM(G9:G11)
13	9	12048	11724	=E13-F13
14	8	11724	8632	=E14-F14
15	23	42424	23975	=E15-F15
16	=SUM(D13:D15)	=SUM(E13:E15)	=SUM(F13:F15)	=SUM(G13:G15)
17	22	38698	19345	=E17-F17
18	12	16451	23041	=E18-F18
19	0	0	16040	=E19-F19
20	=SUM(D17:D19)	=SUM(E17:E19)	=SUM(F17:F19)	=SUM(G17:G19)
21	7	10321	5324	=E21-F21
22	11	15087	9379	=E22-F22
23	32	40320	36691	=E23-F23
24	=SUM(D21:D23)	=SUM(E21:E23)	=SUM(F21:F23)	=SUM(G21:G23)
25	=D12+D16+D20+D24	=E12+E16+E20+E24	=F12+F16+F20+F24	=G12+G16+G20+G24