

Cambridge IGCSE™

INFORMATION AND COMMUNICATION TECHNOLOGY Paper 3 Practical Test B MARK SCHEME Maximum Mark: 80 Published

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 should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

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

Cambridge International is publishing the mark schemes for the March 2021 series for most Cambridge IGCSE™, Cambridge International A and AS Level components and some Cambridge O Level components.

Cambridge IGCSE – Mark Scheme PUBLISHED

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.

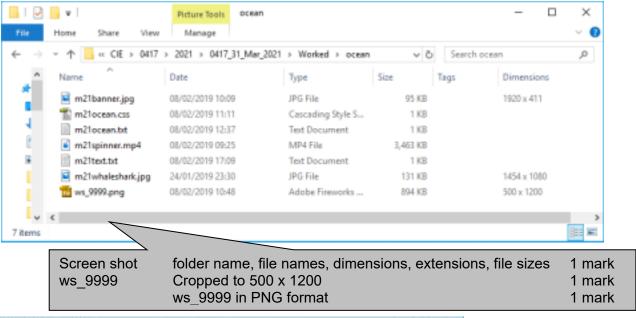
GENERIC MARKING PRINCIPLE 5:

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.

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```
m2Tocean.cus - Notegad
                                                              Ele Edit Farmat View Help
/* A Candidate, ZZ999, 9999 */
               { border: 0px solid black;
table
                 border-collapse: separate;
                 border-spacing:20px;
                 min-width: 600px;
                 margin-left:auto;
                 margin-right:auto;}
td
               { border: 0px solid black;}
               {background-color: #9aabd5;}
body
               { font-size:16;
h1
                 text-align:center;}
               { font-size:14;}
h2
               { font-size:12;}
р
h2,p
               { text-align:justify;}
               { font-family:Arial, Verdana, sans-serif;
h1,h2,p
                 color:#800000;}
```

Comment /* Candidate details at top */ 1 mark table: margin-left:auto 1 mark margin-right:auto 1 mark body background-color: #9aabd5 1 mark h1,h2,p { } font-family: Arial 1 mark , Verdana 1 mark , sans-serif 1 mark color: #000000 1 mark All 3 using single selector 1 mark h1 {...} text-align:center; 1 mark h2, p {...} 1 mark text-align:justify; CSS syntax 1 mark Correct css syntax

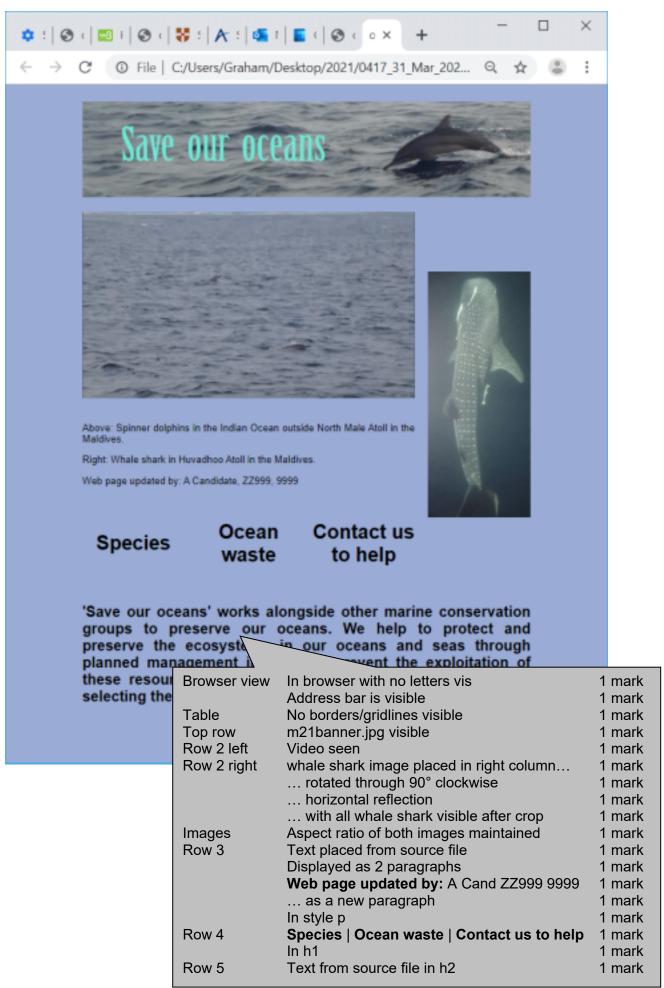
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```
<!DOCTYPE html>
                     Stylesheet m21ocean.css attached
                                                           1 mark
<html>
 <head>
 <link rel="stylesheet" type="text/css" href="m21ocean.css">
</head>
 <body>
                     Table
                              width 80%
                                                           1 mark
  Row 1
                              height 15%
                                                           1 mark
                              colspan=4
                                                           1 mark
   <img src="m21banner.jpg" alt="Banner with the title for the webpage"</pre>
style="width:100%;">
                             colspan="3"
                     Row 2 left
                                                           1 mark
    width 75%
                                                           1 mark
   height 45%
                                                          1 mark
                              video <...> tag used ...
                                                          1 mark
                              ... width="100%"
                                                          1 mark
                              source<...> tag used ...
                                                           1 mark
                              ... src="m21spinner.mp4"
                                                          1 mark
                              type="video/mp4"
                                                           1 mark
                              Appropriate error message
                                                           1 mark
                              </video>
                                                           1 mark
 <video width="100%" >
       <source src="m21spinner.mp4" type="video/mp4">
        Your browser does not support this video file type.
      </video>
    Row 2 right rowspan="3"
                                                          1 mark
    <img src="ws_9999.png" alt="Image of a whale shark"</pre>
style="width:100%;" />
    Images
                             width of both still images 100%
                                                          1 mark
   using inline style attributes
                                                          1 mark
                    Row 3 left
                             colspan="3"
                                                          1 mark
                             height:10%
                                                          1 mark
   Above: Spinner dolphins in the Indian Ocean outside North Male
Atoll in the Maldives.
      Right: Whale shark in Huvadhoo Atoll in the Maldives.
      Web page updated by: A Candidate, ZZ999, 9999
    Row 4 cells width:25%
                                                          1 mark
                             height:20%
                                                          1 mark
   <h1>Species</h1>
    <h1>Ocean waste</h1>
```

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```
<h1>Contact us to help</h1>
    Row 5
                          height:10%
                                                     1 mark
   <h2>'Save our oceans' works alongside other marine conservation
groups to preserve our oceans. We help to protect and preserve the
ecosystems in our oceans and seas through planned management in order to
prevent the exploitation of these resources. You can assist us in many
ways. Start by selecting the 'contact us' link above.
</h2>
    </body>
</html>
```

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1 mark

Save our oceans

		Regional Income							
		North America	South America	Europe	Africa	Asia	Oceania	Total	
	January	\$3,846.68	\$9,929.78	\$18,445.73	\$214.60	\$2,155.12	\$11,617.92	\$46,209.83	
Quarter 1	February	\$10,535.28	\$4,157.40	\$10,134.95	\$49.28	\$4,750.12	\$1,481.32	\$31,108.34	
Quarter 1	March	\$21,539.28	\$11,477.23	\$19,250.03	\$166.17	\$3,643.92	\$11,041.55	\$67,118.17	
	Total	\$35,921.24	\$25,564.42	\$47,830.70	\$430.05	\$10,549.15	\$24,140.78	\$144,436.34	
	April	\$23,975.72	\$7,846.40	\$5,769.50	\$8.99	\$4,570.40	\$5,681.29	\$47,852.30	
Quarter 2	May	\$17,729.48	\$2,439.98	\$5,172.10	\$264.19	\$5,759.48	\$11,126.84	\$42,492.08	
Quarter 2	June	\$36,775.24	\$1,305.30	\$18,248.70	\$265.61	\$937.24	\$6,443.77	\$63,975.86	
	Total	\$78,480.44	\$11,591.69	\$29,190.30	\$538.79	\$11,267.11	\$23,251.91	\$154,320.24	
	July	\$19,715.28	\$2,190.40	\$15,568.48	\$146.08	\$1,119.50	\$4,412.56	\$43,152.29	
Quarter 3	August	\$26,858.00	\$8,091.83	\$3,264.95	\$106.96	\$5,180.03	\$4,041.08	\$47,542.85	
Qualter 3	September	\$34,610.60	\$10,868.33	\$14,827.63	\$197.80	\$5,094.20	\$7,681.46	\$73,280.02	
	Total	\$81,183.88	\$21,150.55	\$33,661.05	\$450.04	\$11,393.73	\$16,135.10	\$163,975.16	
	October	\$1,181.68	\$5,791.19	\$11,144.48	\$14.77		¢s 033.80	\$30,223,37	
Quarter 4	November	\$10,887.32	\$5,971.36	\$4,178.03	Rows 2	Rows 2 & 3		Rows deleted, 2020 balance sheet &	
	December	\$39,236.44	\$2,319.91	\$11,141.73	Row 1			tred	

\$14,082.46

\$72,389.11

\$18,097.28

Footer Last edited by space Name & numbers 1 mark Centre aligned 1 mark

Total

Annual Total

Quarterly Average

Row 1 48 point centred 1 mark Black sans-serif font 1 mark Yellow background 1 mark Row 2 & A4:A19 18 point black sans-serif font 1 mark Col A, R 2,7,11,15,19 Grey background 1 mark Merged centre aligned Column A 1 mark Vertically aligned middle 1 mark Right aligned Column B 1 mark Col A and B merged & bold Rows 21, 22 1 mark Cell borders visible Formatting 1 mark \$ with 2dp for currency values 1 mark Values Single page no row and column headings, fully visible 1 mark

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\$26,464.23

\$137,146.28

\$34,286.57

\$51,305.44

\$246,891.00

\$61,722.75

				PUBLISH		
	A	В	C	D	E	
1				S	ave our	
2						
3		6 9	North America	South America	Europe	
4			3846.68	9929.784	18445.725	
5	Quarter 1		10535,28	4157.4	10134.95	
6	Quarter 1	March	21539.28	11477.232	19250.025	
7		Total	=5UM(C4:C6)	=SUM(D4:D6)	=5UM(E4:E6)	
8		April	23975.72	7846.404	5769.5	
9	Ounter 2	May	17729.48	2439.984	5172.1	
10	Quarter 2	June	36775.24 1305.3		18248.7	
11		Total	=SUM(C8:C10)	=SUM(D8:D10)	=5UM(E8:E10)	
12		July	19715.28	2190.396	15568.475	
13		August	26858	8091.828	3264.95	
13 14	Quarter 3	September		10868.328	14827.625	
15			=SUM(C12:C14)	=SUM(D12:D14)	=SUM(E12:E14)	
16	CHISPEOF /		1181.68	5791.188	11144.475	
17		November	10887.32	5971.356	4178.025	
18		December	to the last time for the last control of	2319.912	11141.725	
19			=5UM(C16:C18)	=SUM(D16:D18)	=5UM(E16:E18)	
20						
21		Annual Total =C7+C11+C15+C19		=D7+D11+D15+D19	=E7+E11+E15+E19	
22		Quarterly Average =AVERAGE(C7,C11,C15,C19)		=AVERAGE(D7,D11,D15,D19)	=AVERAGE(E7,E11,E15,E19)	
	=C7+C11 Appropria each regie =AVERAG C7,C1 Appropria each regie	+C15+C19 Ite formula on GE() 1,C15,C19 Ite function on		for 1 mark 1 mark	=SUM(C4:C6) Appropriate function to total each quarter for each region =SUM(C4:H4) Appropriate function to total each month and quarter	1 marl 1 marl 1 marl 1 marl

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		1 ODEIONED							
	F	G	н	1					
1	OCEANS Regional Income								
2									
3	Africa	Asia	Oceania	Total					
4	214.6008	2155.116	11617.92	*SUM(C4:H4)					
5	49.281	4750.116	1481.316	=5UM(C5:H5)					
6	166.1685	3643.92	11041.548	=SUM(C6:H6)					
7	=SUM(F4:F6)	=SUM(G4:G6)	=SUM(H4:H6)	=5UM(C7:H7)					
8	8.985	4570.398	5681.292	=5UM(C8:H8)					
9	264.1908	5759.478	11126.844	=SUM(C9:H9)					
10	265.6116	937.236	6443.772	=SUM(C10:H10)					
11	*SUM(FB:F10)	=5UM(G8:G10)	=SUM(H8:H10)	«SUM(C11:H11)					
12	146.0838	1119.498	4412.556	=SUM(C12:H12)					
13	106.9596	5180.028	4041.084	=SUM(C13:H13)					
14	197.7972	5094.204	7681.464	=SUM(C14:H14)					
15	=SUM(F12:F14)	=SUM(G12:G14)	=SUM(H12:H14)	=SUM(C15:H15)					
16	14.7744	4057.458	8033.796	=SUM(C16:H16)					
17	227.9556	3082.908	6702.18	×5UM(C17:H17)					
18	77.2575	4644.15	2028.288	=SUM(C18:H18)					
19	=SUM(F16:F18)	=5UM(G16:G18)	=SUM(H16:H18)	=5UM(C19:H19)					
20	Land to the state of the state			1					
21	=F7+F11+F15+F19	=G7+G11+G15+G19	=H7+H11+H15+H19	=17+111+115+119					
22	=AVERAGE(F7,F11,F15,F19)	=AVERAGE(G7,G11,G15,G19)	=AVERAGE(H7,H11,H15,H19)	=AVERAGE(17,111,115,119					
_				-					

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