

## Cambridge IGCSE™

#### INFORMATION AND COMMUNICATION TECHNOLOGY

0417/31 March 2021

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<sup>™</sup>, Cambridge International A and 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.

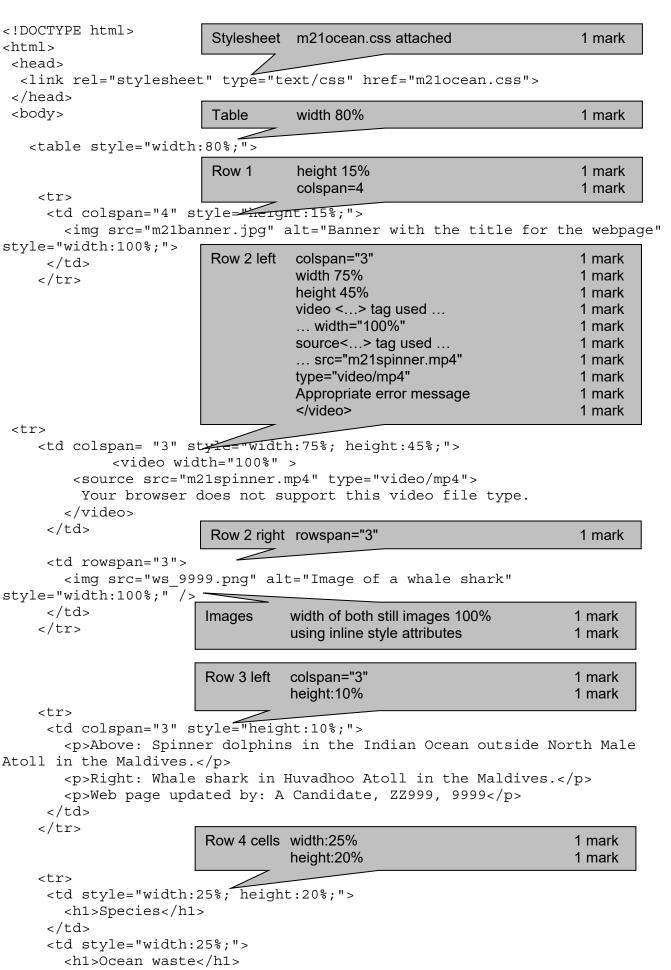
# Cambridge IGCSE – Mark Scheme **PUBLISHED**

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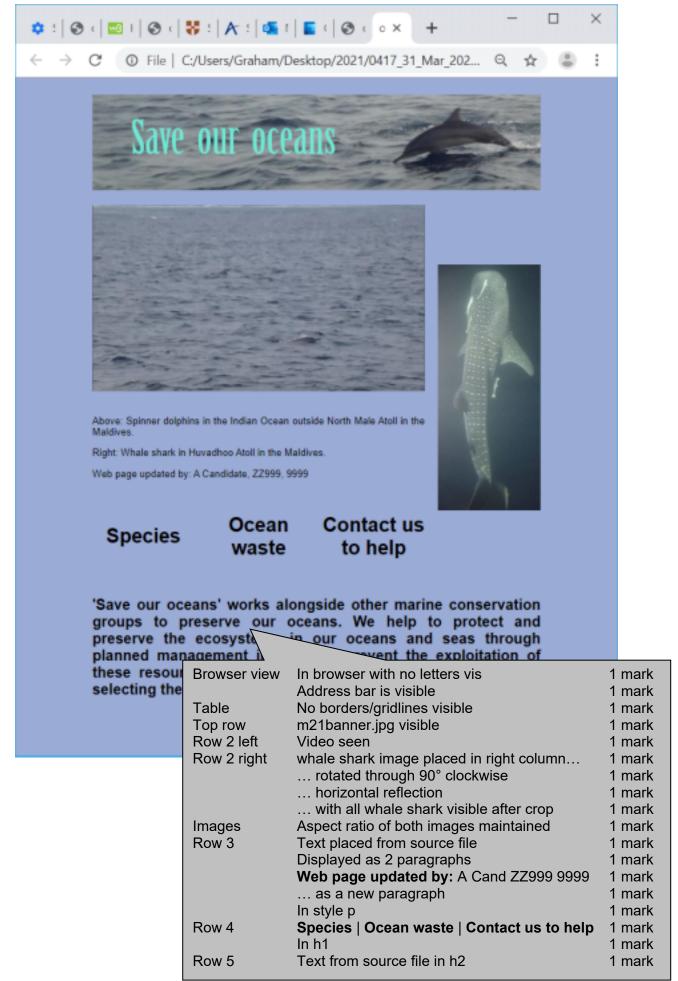
March 2021



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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>

### Cambridge IGCSE – Mark Scheme PUBLISHED



March 2021

				Regio	nal Inco	me				
		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		
Ouerter 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		
Oursetse 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		
0	August	\$26,858.00	\$8,091.83	\$3,264.95	\$106.96	\$5,180.03	\$4,041.08	\$47,542.85		
Quarter 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	$\leq$	¢s 033.80	\$30.223.37		
Oursetse 4	November	\$10,887.32	\$5,971.36	\$4,178.03	Rows 2	& 3	Rows delete	d, 2020 balanc	ce sheet & income	1 ma
Quarter 4	December	\$39,236.44	\$2,319.91	\$11,141.73	Row 1	Row 1		tred		1 ma
	Total	\$51,305.44	\$14,082.46	\$26,464.23			Black sans-s	serif font		1 ma
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Quarterly Average       \$61,722.75       \$18,097.28       \$34,286.57         Oter       Last edited by space Name & numbers       1 mark						Column A Merged centre al		Grey background		1 ma
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March 2021

	A	В	c	D	E	
1					<mark>Save our</mark>	
2						
3		4	North America	South America	Europe	
4		January	3846.68	9929.784	18445.725	
5	Overhen 1	February	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	Ourseter 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)	=SUM(E8:E10)	
12		ylut	19715.28	2190.396	15568.475	
13	Quarter 2	August	26858	8091.828	3264.95	
14	Quarter 3	September	34610.6	10868.328	14827.625	
15		Total	=SUM(C12:C14)	=SUM(D12:D14)	=SUM(E12:E14)	
16		October	1181.68	5791.188	11144.475	
17	Quarter 4	November	a second and a second a	5971.356	4178.025	
18	Quarter 4	December	39236.44	2319.912	11141.725	
19		Total	=5UM(C16:C18)	=5UM(D16:D18)	=5UM(E16:E18)	
20						
21			=C7+C11+C15+C19	=D7+D11+D15+D19	=E7+E11+E15+E19	
22	Quar	terly Average	*AVERAGE{C7,C11,C15,C19}	=AVERAGE(D7,D11,D15,D19	9) =AVERAGE(E7,E11,E15,E19)	
	Appropria each regi =AVERA0	on GE( … )	to calculate annual total	1 mark 1 mark	I4 =SUM(C4:H4	unction to total each quarter for each region 1 mark
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March 2021

-	OCEANS								
2	Regional Income	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)	=SUM(C7:H7)					
8	8.985	4570.398	5681.292	=SUM(C8:H8)					
9	264.1908	5759.478	11126.844	=SUM(C9:H9)					
10	265.6116	937.236	6443.772	=SUM(C10:H10)					
11	+SUM(F8:F10)	=5UM(G8:G10)	=5UM(H8:H10)	«SUM(C11:H11)					
12	146.0838	1119.498	4412.556	=SUM(C12:H12)					
13	106.9596	5180.028	4041.084	=5UM(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	=SUM(C17:H17)					
18	77.2575	4644.15	2028.288	=SUM(C18:H18)					
19	=SUM(F16:F18)	=SUM(G16:G18)	=SUM(H16:H18)	=5UM(C19:H19)					
20									
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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