Cambridge Assessment International Education

Cambridge IGCSE™

INFORMATION AND COMMUNICATION TECHNOLOGY **0417/32**

Paper 3 Spreadsheets and Website Authoring **May/June 2024**

2 hours 15 minutes

You will need: Candidate source files (listed on page 2)

INSTRUCTIONS

- Carry out **all** instructions in each step.
- Enter your name, centre number and candidate number on every printout before it is sent to the printer.
- Printouts with handwritten candidate details will **not** be marked.
- At the end of the examination, put all your printouts into the Assessment Record Folder.
- If you have produced rough copies of printouts, put a cross through each one to indicate that it is **not** the copy to be marked.
- You must **not** have access to either the internet or any email system during this examination.

INFORMATION

- The total mark for this paper is 70.
- The number of marks for each question or part question is shown in brackets [ ].

This document has **8** pages. Any blank pages are indicated.

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You have been supplied with the following source files:

j32banner.jpg
j32contact.jpg
j32feed.mp4
j32giraffe.csv
j32logo.png
j32sightings.csv
j32text.txt
j32web.css
j32what.htm
j32what.jpg

Giraffes are endangered species only found in parts of Africa. You will analyse data on giraffes that have been rescued, tagged and returned to the wild.

Task 1 – Evidence Document

Create a new word-processed document.

Make sure your name, centre number and candidate number will appear on every page of this document.

Save this document in your work area as **j32evidence_** followed by your centre number_candidate number, for example j32evidence_ZZ999_9999

You will use this as your Evidence Document during the examination.

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Task 2 – Spreadsheet

1 Open and examine the file **j32giraffe.csv**

This file will be used in steps 2 and 3. Do **not** make any changes to this file.

Open and examine the file **j32sightings.csv**

Save the file *j32sightings.csv* as a spreadsheet with the filename **Giraffe_** followed by your centre number_candidate number, for example Giraffe_ZZ999_9999

Rows 7 to 25 will show the number of sightings of the tagged giraffes in each country for one week in February. Rows 28 onwards show the details of all sightings for this week.

Place your name, centre number and candidate number centre aligned in the header.

Place the text **Created on** followed by a space, the automated date, a space, then the text **at** followed by a space, then the automated time in the footer.

[3]

2 Place a replicable formula in cell D28 to look up the species, using the code and the external file *j32giraffe.csv* for the array. [6]

3 Place a replicable formula in cell F28 to look up the status, using the code and the external file *j32giraffe.csv* for the array. [1]

4 Replicate the formulae entered in steps 2 and 3 for all sightings. [1]

5 Place in cell B3 a formula to count the total number of sightings for this 7 day period. [2]

6 Place in cell B4 a formula to count the total number of sightings for this 7 day period where a photograph of a critically endangered species was taken. [5]

7 Insert a new row between rows 5 and 6.

Place in cell A6 the text **Critically endangered**

[2]

8 Place a replicable formula in cell B8 to display the number of sightings of a critically endangered species in this country.

Replicate this formula for each country.

[8]

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9 Format the top of your spreadsheet so that it looks like this:

	A	B
1	**Tagged giraffe sightings**	
2		
3	Number of sightings in 7 day period	70
4	Number of critically endangered sightings with photograph	12
5		
6	**Critically endangered**	
7	**Country**	**Number of sightings**
8	Botswana	0
9	Burundi	0
10	Cameroon	2

Make sure cells A1 to B1 and A6 to B6 are merged.

Set the font size of the text in rows 1 and 6 to 20 points.

Save your spreadsheet.

[7]

10 Print your spreadsheet showing the formulae. Make sure that:

- it is in landscape orientation
- the row and column headings are displayed
- all formulae are fully visible.

[2]

11 Select rows 1 to 7 inclusive and only the rows between 8 and 26 where a sighting took place.

Take a screenshot of the method used to select these rows (between 8 and 26). Place this screenshot in your Evidence Document.

Print this selection showing the values. Make sure that:

- the printout fits on a single page
- the printout is in portrait orientation
- the row and column headings are displayed
- the contents of all the cells in the selected rows are fully visible.

[4]

[Total: 41]

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Task 3 – File management

12 Create a new folder called **j32**

Locate only the following files and store them in your *j32* folder.

j32banner.jpg
j32contact.jpg
j32feed.mp4
j32logo.png
j32text.txt
j32web.css
j32what.htm
j32what.jpg

Display the contents of your *j32* folder, showing the folder name, all file names, file extensions, file sizes, image dimensions and the frame height and frame width for the video.

Take a screenshot of this folder, making sure that the required information is clearly visible. Place this screenshot in your Evidence Document.

[1]

[Total: 1]

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[Turn over

Task 4 – Web page

You will create a web page to help raise awareness of giraffe conservation.

13 Create a web page called **j32web.htm** and save this in your *j32* folder.

This web page must be created using a single table and work in all browsers. The table must fit 75% of the browser window and have a structure as shown in this diagram:

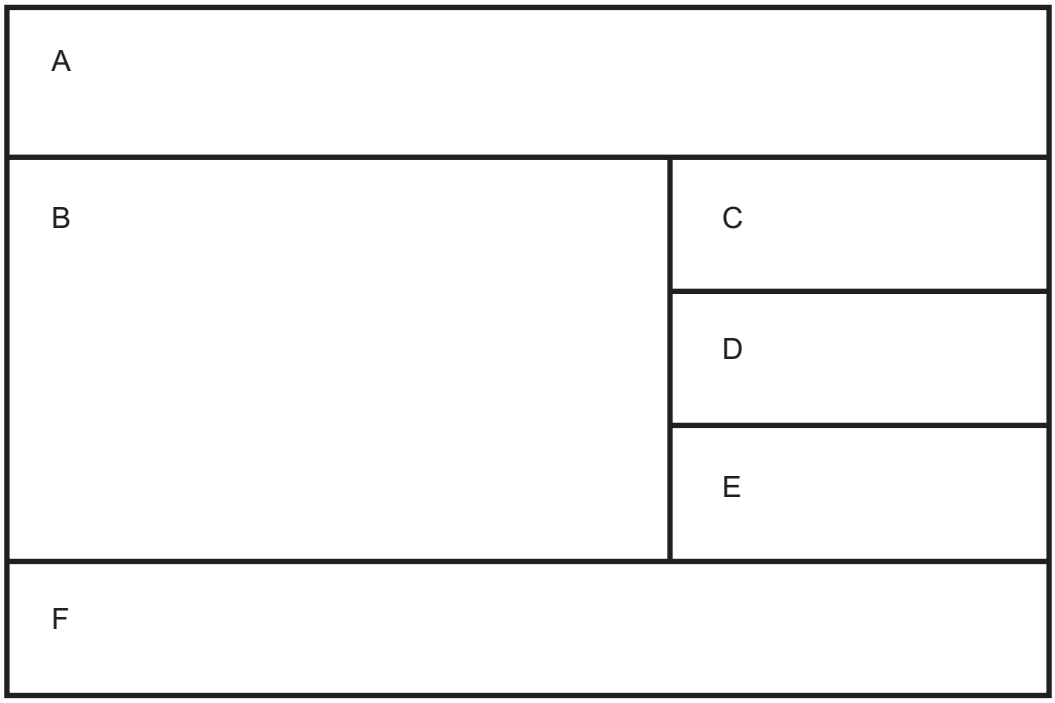

Table borders must appear on the final web page.

Each table cell is identified with a letter which must **not** appear on the final web page.

[7]

14 Set the title of the web page to **Giraffe conservation** [1]

15 Place in cell:

- A the image **j32banner.jpg**
- B a video tag to display **j32feed.mp4** so that it fits the width of this cell. This video must show the controls and play automatically when the web page opens. Display an automated text-based error message if the browser does **not** support this video type
- C the image **j32what.jpg**
- D the image **j32contact.jpg**

[7]

16 Enter in cell E the text:

Web page edited by: then on a new line enter your name, centre number and candidate number

Set this text as style h3.

[3]

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17 Place in cell F the text from the file **j32text.txt**

Set this text in paragraph style.

[2]

18 Attach the stylesheet **j32web.css** to your web page. Do **not** edit this stylesheet. [1]

19 Make the image *j32what.jpg* a link to open the web page **j32what.htm** in a new window called **_blank**

Make the image *j32contact.jpg* a link to an email editor to prepare an email to **g.raffe@cambridge.org** with the subject line **Giraffe**

[6]

20 Save your web page.

Take a copy of your HTML source and place this in your Evidence Document.

Display your web page in a browser. If necessary, resize it so that:

- all the page can be seen
- all text can be easily read
- the address bar is fully visible.

Take screenshot evidence showing your web page in the browser. Place this in your Evidence Document.

[1]

[Total: 28]

Task 5 – Printing the Evidence Document

Make sure your name, centre number and candidate number appear on every page of your Evidence Document.

Save your Evidence Document.

Print your Evidence Document.

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INFORMATION AND COMMUNICATION TECHNOLOGY **0417/32**

Paper 3 Spreadsheets and Website Authoring **May/June 2024**

MARK SCHEME

Maximum Mark: 70

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 May/June 2024 series for most Cambridge IGCSE, Cambridge International A and AS Level and Cambridge Pre-U components, and some Cambridge O Level components.

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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 descriptions 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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Task 2 – Spreadsheet

Question	Answer	Marks
For **Question 1** see below for example of spreadsheet.		
1		**3**
	Name, centre and candidate number centre aligned in header	1
	Text **Created on** with space then with automated date in footer …	1
	… with space, the text **at** another space and the automated time in the footer	1
For **Question 2** see below for example of spreadsheet formulae.		
2		**6**
	=VLOOKUP (…)	1
	… B29, …	1
	… j32giraffe.csv! …	1
	… $A$2:$C$12 …	1
	… ,3	1
	… ,0	1
For **Question 3** see below for example of spreadsheet formulae.		
3	=VLOOKUP(B29,j32giraffe.csv!$A$2:$F$12,6,0)	**1**
For **Question 4** see below for example of spreadsheet formulae.		
4	Cells D29 and F29 replicated to row 98	**1**
For **Question 5** see below for example of spreadsheet formulae.		
5		**2**
	=COUNTA (…)	1
	… A29:A98	1

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Question	Answer	Marks
For **Question 6** see below for example of spreadsheet formulae.		
6		**5**
	=COUNTIFS (…)	1
	… F29:F98 …	1
	… ,"Critically endangered"	1
	… ,G29:G98 …	1
	… ,"Yes"	1
For **Question 7** see below for example of spreadsheet.		
7		**2**
	New row 6 inserted …	1
	… with text **Critically endangered**	1
For **Question 8** see below for example of spreadsheet formulae.		
8		**8**
	=COUNTIFS (…)	1
	… F29:F98 …	1
	… as an absolute reference…	1
	… ,"Critically endangered"	1
	… ,E29:E98	1
	… as an absolute reference	1
	… ,A8 …	1
	… as a relative reference	1

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Question	Answer	Marks
For **Question 9** see below for example of spreadsheet.		
9		**7**
	Cells A1:B1 and A6:B6 merged	1
	20-point black text	1
	Cells A1:B10 sans-serif	1
	Text in A1, A3, A4, B7 wrapped as shown	1
	Rows 2 and 5 half height of row 10	1
	A3:A4 & A8:A10 right aligned and B1:B10 centre aligned	1
	Rows 1, 3, 4 and 7 centre aligned vertically	1
For **Question 10** see below for example of formulae spreadsheet.		
10		**2**
	Formulae printout – Formulae in cells A1 to G98 fully visible	1
	Formulae printout – Landscape orientation with row and column headings	1
For **Question 11** see below for example of values spreadsheet and selection method.		
11		**4**
	Values printout – Rows 1 to 7 and selected rows from 8 to 26 fully visible	1
	Values printout – filter used to remove countries with 0	1
	Values printout – Portrait orientation, single page with row and column headings	1
	Screen shot evidence of selection method	1
Total		**41**

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Task 3 – File management

Task	Answer	Marks
For **Question 12** see below for example of folder screen shot.		
12	Screen shot includes folder name, image dimensions, video frame height and width, file names, file extensions and file sizes	**1**
For **Question 13** see below for examples of html and browser view.		
13		**7**
	No letters visible	1
	Table style="width:75%;" of browser window	1
	Single table used	1
	Table attribute border="1"	1
	Row 1 – colspan="2"	1
	Row 2 left – rowspan="3"	1
	Row 5 – colspan="2"	1
For **Question 14** see below for example of HTML.		
14	Title accurate and in head section	**1**
For **Question 15** see below for examples of html and browser view.		
15		**7**
	Banner image in top cell.	1
	Video visible in row 2 left cell	1
	video <…> tag used with …	1
	… src="j32feed.mp4" …	1
	… type="video/mp4"…	1
	Appropriate error message between <video> and </video> tags	1
	Set to autoplay	1

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Task	Answer	Marks
For **Question 16** see below for example of HTML.		
16		**3**
	Row 4 right cell - **Web page edited by:** …	1
	… with new line then name, centre number and candidate number …	1
	… all text set in style h3	1
For **Question 17** see below for example of HTML and browser view.		
17		**2**
	Bottom row – text from source file complete	1
	… set in style p	1
For **Question 18** see below for example of HTML.		
18	Stylesheet j32web.css attached in head section	**1**
For **Question 19** see below for example of HTML		
19		**6**
	Row 2 right cell - Anchor set around j32what.jpg	1
	<a href="j32what.htm" …	1
	… target="_blank">	1
	Row 3 right cell - Anchor set around j32contact.jpg	1
	<a href="mailto:g.raffe@cambridge.org …	1
	… ?subject=Giraffe">	1
For **Question 20** see below for example of browser view.		
20	In browser, address visible	**1**
Total		**28**

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Header	Name, centre & candidate no - centre aligned	1 mark
Footer	**Created on** <automated date> ...	1 mark
	... **at** <automated time>	1 mark

A Candidate ZZ999 9999

	A	B	C	D
1	**Tagged giraffe sightings**			
3	Number of sightings in 7 day period	=COUNTA(A29:A98)		
4	Number of critically endangered sightings with photograph	=COUNTIFS(F29:F98,"Critically endangered",G29:G98,"Yes")		
6	**Critically endangered**			
7	**Country**	**Number of sightings**		
8	Botswana	=COUNTIFS(F$29:F$98,"Critically endangered",E$29:E$98,A8)		
9	Burundi	=COUNTIFS(F$29:F$98,"Critically endangered",E$29:E$98,A9)		
10	Cameroon	=COUNTIFS(F$29:F$98,"Critically endangered",E$29:E$98,A10)		
11	Central African Republic	=COUNTIFS(F$29:F$98,"Critically endangered",E$29:E$98,A11)		
12	Chad	=COUNTIFS(F$29:F$98,"Critically endangered",E$29:E$98,A12)		
13	Ethiopia	=COUNTIFS(F$29:F$98,"Critic…		
14	Kenya	=COUNTIFS(F$29:F$98,"Critically…		
15	Malawi	=COUNTIFS(…		
16	Mozambique	=COUNTIFS(…		
17	Namibia	=COUNTIFS(…		
18	Niger	=COUNTIFS(…		
19	Rwanda	=COUNTIFS(…		
20	Somalia	=COUNTIFS(…		
21	South Africa	=COUNTIFS(…		
22	South Sudan	=COUNTIFS(…		
23	Sudan	=COUNTIFS(…		
24	Tanzania	=COUNTIFS(…		
25	Uganda	=COUNTIFS(…		
26	Zambia	=COUNTIFS(…		

Created on 01/09/2022 at 13:43

B3	=COUNTA (…)	1 mark
	… A29:A98	1 mark
B4	=COUNTIFS (…)	1 mark
	… F29:F98	1 mark
	… ,"Critically endangered"	1 mark
	… ,G29:G98	1 mark
	… , "Yes"	1 mark
B8	=COUNTIFS (…)	1 mark
	… F29:F98	1 mark
	… as an absolute reference	1 mark
	… ,"Critically endangered"	1 mark
	… ,E29:E98	1 mark
	… as an absolute reference	1 mark
	… ,A8	1 mark
	… as a relative reference	1 mark

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A Candidate ZZ999 9999

	A	B	C	D
27				
28	Date	Code	Tag number	Species
29	45326	n3	n3-00081	=VLOOKUP(B29,j32giraffe.csv!$A$2:$C$12,3,0)
30	45326	r	r-00034	=VLOOKUP(B30,j32giraffe.csv!$A$2:$C$12,3,0)
31	45326	m2	m2-00039	=VLOOKUP(B31,j32giraffe.csv!$A$2:$C$12,3,0)
32	45326	n2	n2-00078	=VLOOKUP(B32,j32giraffe.csv!$A$2:$C$12,3,0)
33	45326	s1	s1-00056	=VLOOKUP(B33,j32giraffe.csv!$A$2:$C$12,3,0)
34	45326	s1	s1-00073	=VLOOKUP(B34,j32giraffe.csv!$A$2:$C$12,3,0)
35	45327	m2	m2-00028	=VLOOKUP(B35,j32giraffe.csv!$A$2:$C$12,3,0)
36	45327	s2	s2-00033	=VLOOKUP(B36,j32giraffe.csv!$A$2:$C$12,3,0)
37	45327	m2		
38	45327	r		
39	45327	r		
40	45327	m2		
41	45328	m2		
42	45328	m2		
43	45328	n1		
44	45328	s1		
45	45328	s1		
46	45328	s2	s2-00021	=VLOOKUP(B46,j32giraffe.csv!$A$2:$C$12,3,0)
47	45328	m2	m2-00032	=VLOOKUP(B47,j32giraffe.csv!$A$2:$C$12,3,0)
48	45328	m2	m2-00077	=VLOOKUP(B48,j32giraffe.csv!$A$2:$C$12,3,0)
49	45328	n1	n1-0008	=VLOOKUP(B49,j32giraffe.csv!$A$2:$C$12,3,0)
50	45328	m2	m2-00068	=VLOOKUP(B50,j32giraffe.csv!$A$2:$C$12,3,0)
51	45328	s1	s1-00067	=VLOOKUP(B51,j32giraffe.csv!$A$2:$C$12,3,0)
52	45328	s1	s1-00050	=VLOOKUP(B52,j32giraffe.csv!$A$2:$C$12,3,0)
53	45328	r	r-00025	=VLOOKUP(B53,j32giraffe.csv!$A$2:$C$12,3,0)
54	45328	m2	m2-00070	=VLOOKUP(B54,j32giraffe.csv!$A$2:$C$12,3,0)
55	45328	n2	n2-00031	=VLOOKUP(B55,j32giraffe.csv!$A$2:$C$12,3,0)
56	45328	s2	s2-00044	=VLOOKUP(B56,j32giraffe.csv!$A$2:$C$12,3,0)
57	45328	m2	m2-0006	=VLOOKUP(B57,j32giraffe.csv!$A$2:$C$12,3,0)
58	45328	r	r-00012	=VLOOKUP(B58,j32giraffe.csv!$A$2:$C$12,3,0)

D29	=VLOOKUP (…)	1 mark
	… B29, …	1 mark
	… j32giraffe.csv! …	1 mark
	… $A$2:$C$12 …	1 mark
	… ,3	1 mark
	… ,0	1 mark

Created on 01/09/2022 at 13:44

A Candidate ZZ999 9999

	A	B	C	D
59	45328	m2	m2-00019	=VLOOKUP(B59,j32giraffe.csv!$A$2:$C$12,3,0)
60	45328	s1	s1-00041	=VLOOKUP(B60,j32giraffe.csv!$A$2:$C$12,3,0)
61	45328	r	r-00016	=VLOOKUP(B61,j32giraffe.csv!$A$2:$C$12,3,0)
62	45328	s2	s2-00069	=VLOOKUP(B62,j32giraffe.csv!$A$2:$C$12,3,0)
63	45328	m2	m2-00042	=VLOOKUP(B63,j32giraffe.csv!$A$2:$C$12,3,0)
64	45328	n3	n3-00033	=VLOOKUP(B64,j32giraffe.csv!$A$2:$C$12,3,0)
65	45328	s1	s1-00017	=VLOOKUP(B65,j32giraffe.csv!$A$2:$C$12,3,0)
66	45328	m2	m2-00045	=VLOOKUP(B66,j32giraffe.csv!$A$2:$C$12,3,0)
67	45328	s1	s1-0009	=VLOOKUP(B67,j32giraffe.csv!$A$2:$C$12,3,0)
68	45328	n1	n1-00010	=VLOOKUP(B68,j32giraffe.csv!$A$2:$C$12,3,0)
69	45328	r	r-00023	=VLOOKUP(B69,j32giraffe.csv!$A$2:$C$12,3,0)
70	45328	m2	m2-0007	=VLOOKUP(B70,j32giraffe.csv!$A$2:$C$12,3,0)
71	45329	s2	s2-00079	=VLOOKUP(B71,j32giraffe.csv!$A$2:$C$12,3,0)
72	45329	s1	s1-00029	=VLOOKUP(B72,j32giraffe.csv!$A$2:$C$12,3,0)
73	45329	m2	m2-00052	=VLOOKUP(B73,j32giraffe.csv!$A$2:$C$12,3,0)
74	45329	s1	s1-00075	=VLOOKUP(B74,j32giraffe.csv!$A$2:$C$12,3,0)
75	45329	n1	n1-00061	=VLOOKUP(B75,j32giraffe.csv!$A$2:$C$12,3,0)
76	45329	n2	n2-00015	=VLOOKUP(B76,j32giraffe.csv!$A$2:$C$12,3,0)
77	45329	m2	m2-00057	=VLOOKUP(B77,j32giraffe.csv!$A$2:$C$12,3,0)
78	45330	m2	m2-00038	=VLOOKUP(B78,j32giraffe.csv!$A$2:$C$12,3,0)
79	45330	r	r-00058	=VLOOKUP(B79,j32giraffe.csv!$A$2:$C$12,3,0)
80	45330	m2	m2-00054	=VLOOKUP(B80,j32giraffe.csv!$A$2:$C$12,3,0)
81	45330	n1	n1-00036	=VLOOKUP(B81,j32giraffe.csv!$A$2:$C$12,3,0)
82	45330	s2	s2-00013	=VLOOKUP(B82,j32giraffe.csv!$A$2:$C$12,3,0)
83	45330	s1	s1-00040	=VLOOKUP(B83,j32giraffe.csv!$A$2:$C$12,3,0)
84	45330	s1	s1-00048	=VLOOKUP(B84,j32giraffe.csv!$A$2:$C$12,3,0)
85	45331	m2	m2-00060	=VLOOKUP(B85,j32giraffe.csv!$A$2:$C$12,3,0)
86	45331	s1	s1-00063	=VLOOKUP(B86,j32giraffe.csv!$A$2:$C$12,3,0)
87	45331	n3	n3-00071	=VLOOKUP(B87,j32giraffe.csv!$A$2:$C$12,3,0)
88	45331	s2	s2-00053	=VLOOKUP(B88,j32giraffe.csv!$A$2:$C$12,3,0)
89	45332	r	r-00024	=VLOOKUP(B89,j32giraffe.csv!$A$2:$C$12,3,0)
90	45332	m2	m2-00027	=VLOOKUP(B90,j32giraffe.csv!$A$2:$C$12,3,0)

Created on 01/09/2022 at 13:45

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A Candidate ZZ999 9999

	A	B	C	D
91	45332	s1	s1-00047	=VLOOKUP(B91,j32giraffe.csv!$A$2:$C$12,3,0)
92	45332	n2	n2-00022	=VLOOKUP(B92,j32giraffe.csv!$A$2:$C$12,3,0)
93	45332	m2	m2-00064	=VLOOKUP(B93,j32giraffe.csv!$A$2:$C$12,3,0)
94	45332	s2	s2-0003	=VLOOKUP(B94,j32giraffe.csv!$A$2:$C$12,3,0)
95	45332	n1	n1-00074	=VLOOKUP(B95,j32giraffe.csv!$A$2:$C$12,3,0)
96	45332	m2	m2-00076	=VLOOKUP(B96,j32giraffe.csv!$A$2:$C$12,3,0)
97	45332	s1	s1-00049	=VLOOKUP(B97,j32giraffe.csv!$A$2:$C$12,3,0)
98	45332	m2	m2-00046	=VLOOKUP(B98,j32giraffe.csv!$A$2:$C$12,3,0)

F29	=VLOOKUP(B29,j32giraffe.csv!$A$2:$F$12,6,0)	1 mark
D29 & F29	Replicated to row 98	1 mark
Printout	Formulae with cells A1 to G98 fully visible	1 mark
	Landscape orientation with row and column headings	1 mark

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A Candidate ZZ999 9

	E	F	
27			
28	Country	Status	Photographic evidence
29	Niger	=VLOOKUP(B29,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
30	Somalia	=VLOOKUP(B30,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
31	Kenya	=VLOOKUP(B31,j32giraffe.csv!$A$2:$F$12,6,0)	No
32	Ethiopia	=VLOOKUP(B32,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
33	Botswana	=VLOOKUP(B33,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
34	Namibia	=VLOOKUP(B34,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
35	Tanzania	=VLOOKUP(B35,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
36	South Africa	=VLOOKUP(B36,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
37	Kenya	=VLOOKUP(B37,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
38	Ethiopia	=VLOOKUP(B38,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
39	Ethiopia	=VLOOKUP(B39,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
40	Kenya	=VLOOKUP(B40,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
41	Tanzania	=VLOOKUP(B41,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
42	Tanzania	=VLOOKUP(B42,j32giraffe.csv!$A$2:$F$12,6,0)	No
43	Central African Republic	=VLOOKUP(B43,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
44	Botswana	=VLOOKUP(B44,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
45	Namibia	=VLOOKUP(B45,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
46	Zambia	=VLOOKUP(B46,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
47	Tanzania	=VLOOKUP(B47,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
48	Tanzania	=VLOOKUP(B48,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
49	South Sudan	=VLOOKUP(B49,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
50	Kenya	=VLOOKUP(B50,j32giraffe.csv!$A$2:$F$12,6,0)	No
51	Botswana	=VLOOKUP(B51,j32giraffe.csv!$A$2:$F$12,6,0)	No
52	Botswana	=VLOOKUP(B52,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
53	Ethiopia	=VLOOKUP(B53,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
54	Tanzania	=VLOOKUP(B54,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
55	South Sudan	=VLOOKUP(B55,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
56	Mozambique	=VLOOKUP(B56,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
57	Tanzania	=VLOOKUP(B57,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
58	Kenya	=VLOOKUP(B58,j32giraffe.csv!$A$2:$F$12,6,0)	Yes

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A Candidate ZZ999 9999

	E	F	G
59	Kenya	=VLOOKUP(B59,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
60	Botswana	=VLOOKUP(B60,j32giraffe.csv!$A$2:$F$12,6,0)	No
61	Somalia	=VLOOKUP(B61,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
62	South Africa	=VLOOKUP(B62,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
63	Tanzania	=VLOOKUP(B63,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
64	Niger	=VLOOKUP(B64,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
65	Botswana	=VLOOKUP(B65,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
66	Kenya	=VLOOKUP(B66,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
67	Botswana	=VLOOKUP(B67,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
68	Chad	=VLOOKUP(B68,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
69	Kenya	=VLOOKUP(B69,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
70	Tanzania	=VLOOKUP(B70,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
71	Mozambique	=VLOOKUP(B71,j32giraffe.csv!$A$2:$F$12,6,0)	No
72	Botswana	=VLOOKUP(B72,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
73	Tanzania	=VLOOKUP(B73,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
74	Botswana	=VLOOKUP(B74,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
75	South Sudan	=VLOOKUP(B75,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
76	South Sudan	=VLOOKUP(B76,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
77	Kenya	=VLOOKUP(B77,j32giraffe.csv!$A$2:$F$12,6,0)	No
78	Tanzania	=VLOOKUP(B78,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
79	Kenya	=VLOOKUP(B79,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
80	Tanzania	=VLOOKUP(B80,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
81	Cameroon	=VLOOKUP(B81,j32giraffe.csv!$A$2:$F$12,6,0)	No
82	Botswana	=VLOOKUP(B82,j32giraffe.csv!$A$2:$F$12,6,0)	No
83	Namibia	=VLOOKUP(B83,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
84	Botswana	=VLOOKUP(B84,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
85	Kenya	=VLOOKUP(B85,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
86	Botswana	=VLOOKUP(B86,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
87	Niger	=VLOOKUP(B87,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
88	South Africa	=VLOOKUP(B88,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
89	Somalia	=VLOOKUP(B89,j32giraffe.csv!$A$2:$F$12,6,0)	No
90	Kenya	=VLOOKUP(B90,j32giraffe.csv!$A$2:$F$12,6,0)	Yes

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	E	F	G
91	Namibia	=VLOOKUP(B91,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
92	Ethiopia	=VLOOKUP(B92,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
93	Tanzania	=VLOOKUP(B93,j32giraffe.csv!$A$2:$F$12,6,0)	No
94	South Africa	=VLOOKUP(B94,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
95	Cameroon	=VLOOKUP(B95,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
96	Kenya	=VLOOKUP(B96,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
97	Namibia	=VLOOKUP(B97,j32giraffe.csv!$A$2:$F$12,6,0)	Yes
98	Kenya	=VLOOKUP(B98,j32giraffe.csv!$A$2:$F$12,6,0)	Yes

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	A	B
1	**Tagged giraffe sightings**	
2		
3	Number of sightings in 7 day period	70
4	Number of critically endangered sightings with photograph	12
5		
6	**Critically endangered**	
7	**Country**	**Number of sightings**
10	Cameroon	2
11	Central African Republic	1
12	Chad	1
13	Ethiopia	2
18	Niger	3
22	South Sudan	4

Row 6	New row inserted	1 mark
	Critically endangered	1 mark
	Cells A1:B1 and A6:B6 merged	1 mark
Row 1 & 6	20-point black text	1 mark
Rows 1-10	Cells A1:B10 sans-serif	1 mark
	Text in A1, A3, A4, B7 wrapped as shown	1 mark
	Rows 2 and 5 half height of row 10	1 mark
	A3:A4 & A8:A10 right aligned & B1:B10 centre aligned	1 mark
	Rows 1, 3, 4 & 7 centre aligned vertically	1 mark
Printout	Only rows 1 to 7 and selected rows from 8 to 26 fully visible	1 mark
	Filter used to remove countries with 0	1 mark
	Portrait, single page with row and column headings	1 mark

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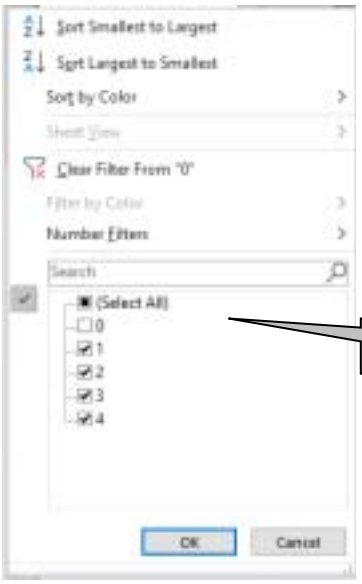
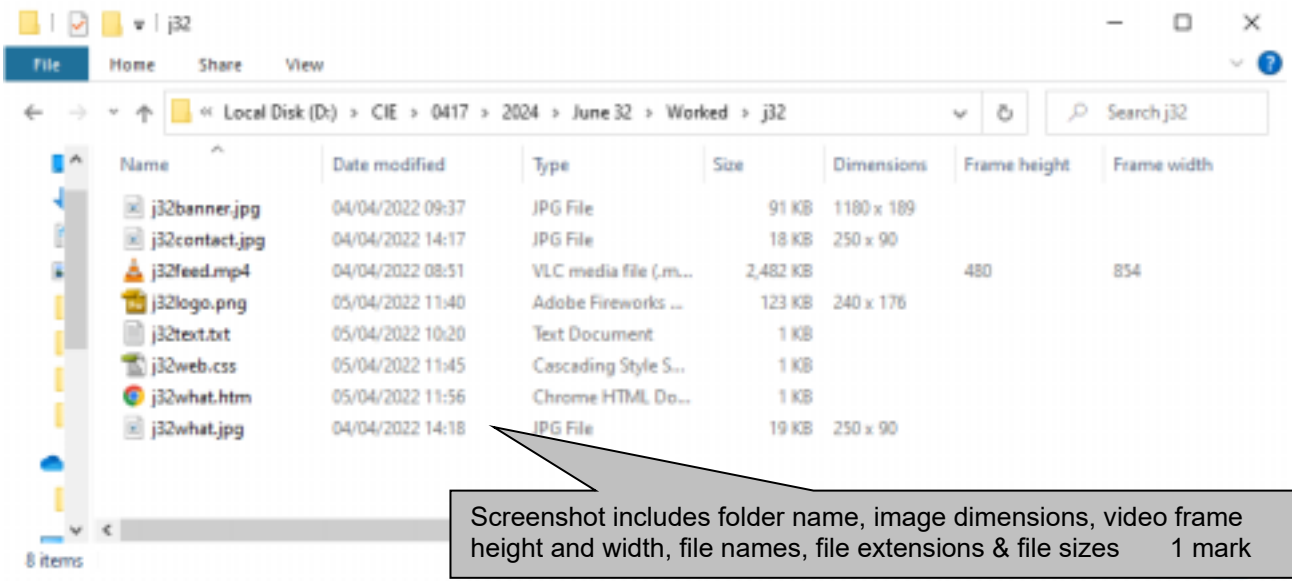
Evidence Document



Filter Evidence of selection method 1 mark



Screenshot includes folder name, image dimensions, video frame height and width, file names, file extensions & file sizes 1 mark

```
<!DOCTYPE html>
<html>
 <head>
  <title>Giraffe conservation</title>
  <link rel="stylesheet" type="text/css" href="j32web.css">
 </head>
 <body>


   <table style="width:75%;" border="1">
    <tr>


     <td colspan="2">
       <img src="j32banner.jpg" alt="banner for giraffe conservation"
style="width:100%" >
     </td>
    </tr>
    <tr>



     <td rowspan="3">
       <video controls autoplay muted >
              <source src="j32feed.mp4" type="video/mp4">
                Your browser does not support this video format
       </video>
     </td>
     <td>
       <a href="j32what.htm" target="_blank"><img src="j32what.jpg"></a>
     </td>
    </tr>
    <tr>
     <td>
       <a href="mailto:g.raffe@cambridge.org?subject=Giraffe"><img
src="j32contact.jpg"></a>
     </td>
    </tr>
    <tr>
     <td>
```

Head section	title **Giraffe conservation**	1 mark
	j32web.css attached	1 mark

Table	style="width:75%;"	1 mark
	single table used	1 mark

Row 1	colspan="2"	1 mark

Row 2 left	rowspan="3"	1 mark
Video	video <…> tag used with…	1 mark
	… src="j32feed.mp4" …	1 mark
	… type="video/mp4"	1 mark
	Appropriate error message between <video> tags	1 mark
	Set to autoplay	1 mark

Row 2 right	Anchor set around j32what.jpg	1 mark
	<a href="**j32what.htm**" …	1 mark
	… target=**"_blank**">	1 mark

Row 3 right	Anchor set around j32contact.jpg	1 mark
	<a href="mailto:**g.raffe@cambridge.org** …	1 mark
	… ?subject=**Giraffe**">	1 mark

```
      <h3>Web page edited by:</h3>
      <h3>A Candidate ZZ999 9999</h3>
    </td>
   </tr>
   <tr>
    <td colspan="2">
      <p>With an estimated world population of 111000 giraffes many people
do not see these creatures as endangered. There are four distinct species
of giraffe with several sub-species. The species are the Masai giraffe,
Northern giraffe, Reticulated giraffe and Southern giraffe. The Luangwa
giraffe (sometimes called the Thornicroft's giraffe) have an estimated
population of only 650 and are critically endangered as are the West
African giraffe with an estimated population of 600. This is one of three
sub-species of Northern giraffe, with each being classified as endangered
or critically endangered. There are fewer than 3000 Northern giraffes
remaining. We have arranged a programme to rescue injured or orphaned
giraffes, feed them and provide them with medical care until they can be
safely released back into the wild with others of the same sub-species.
Please support us in our work.</p>
    </td>
   </tr>
  </table>
 </body>
</html>
```

Row 4 right All text set in h3 1 mark

Row 5 colspan="2" 1 mark

Browser	In browser, address visible	1 mark
	Borders visible	1 mark
	No letters visible	1 mark
Row 1	Banner	1 mark
Row 2 left	Video visible	1 mark
Row 4 right	**Web page edited by:**	1 mark
	New line then name and numbers	1 mark
Row 5	text from source file complete	1 mark
	… set in style p	1 mark