Cambridge International Examinations
Cambridge International General Certificate of Secondary Education

INFORMATION AND COMMUNICATION TECHNOLOGY **0417/31**

Paper 3 Practical Test B **March 2017**

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.

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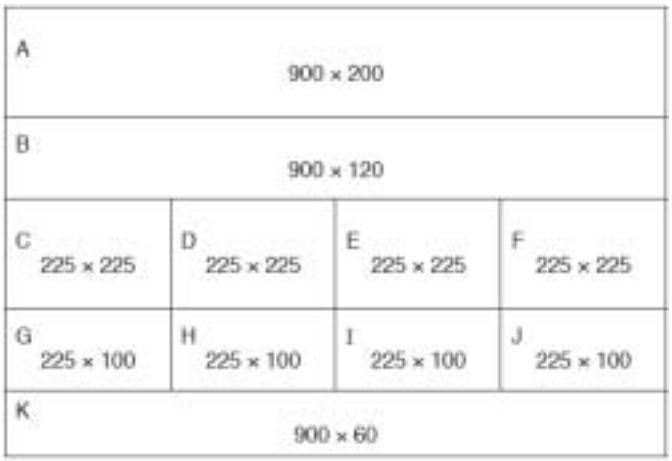
Task 1 – Evidence Document

This mark scheme includes the screenshots of the printed evidence that candidates should have included and screen shots from the Evidence Document.

Task 2 – Web Page

You work for Hothouse Design and will develop web pages for the Goa Elephant Sanctuary. Many of the people who will view the web page have very slow internet connection, so efficient markup must be used.

No.	Steps	Mark
	Create a new folder called **m17_html** Locate the following files and store them in your **m17_html** folder. **m17bg1.jpg** **m17bg2.jpg** **m17img1.jpg** **m17img2.jpg** **m17img3.jpg** **m17img4.jpg** **m17img5.jpg** **m17img6.jpg** **m17img7.jpg** **m17img8.jpg** **m17logo.jpg** **m17ss.css**	

No.	Steps	Mark
1	**Create a web page called m17ges.htm** **This web page must work in all browsers and will have a table structure as shown below. Each table cell is identified with a letter and all dimensions are in pixels:**  **Table borders, letters and dimensions shown in the table must not appear on your final web page.** – displayed in the browser with no letters from QP visible (1 mark) – table borders not visible (1 mark) – table width (or td width 1st, 2nd or last row) set to 900px (1 mark) – top row 200 high (1 mark) – row 1 & 2 colspan set to 4 (1 mark) – row 2 set to 120 high (1 mark) – row 3 set to 225 high (1 mark) – rows 3 & 4 <td> 4 equal (225px or 25%) cell widths (1 mark) – row 4 set to 100 high (1 mark) – row 5 set to 60 high & colspan set to 4 (1 mark)	**10**
2	**Place in cell A the image m17logo.jpg** – Goa Elephant Sanctuary logo placed in top row (1 mark)	**1**
3	**Enter in cell B the text** **A leader in conservation and development.** **Watch, eat, ride, enjoy, donate, conserve…** **Set this text as style h1.** – text 100% correct (1 mark) – text set into style h1 (1 mark)	**2**

No.	Steps	Mark
4	**Using the most appropriate image from m17img1.jpg to m17img8.jpg, place in cell:** • **C the image of a meal being cooked** • **D the image of an elephant ride** • **E the image of a jungle** • **F the image of an envelope.** – 4 correct insertions of image (2 marks) – 3 correct insertions of image (1 mark) – 0, 1 or 2 correct insertions of image (0 marks)	**2**
5	**Make sure appropriate text is displayed if any image is not available.** – appropriate text set for alt text attribute for all 5 images (1 mark)	**1**
6	**In cell:** • **G enter the text Local cooking** • **H enter the text Elephant rides** • **I enter the text Remote jungle location** • **J enter the text Contact us** **Set all this text as style h2.** – all 4 elements of text 100% correct (1 mark) – all text set into style h2 (1 mark)	**2**
7	**Place in cell K the text** **Page created for Hothouse Design by followed by your name, Centre number and candidate number.** **Set this text as style h3.** – text 100% correct plus candidate details (1 mark) – text set into style h3 (1 mark)	**2**
8	**Centre align the table in the browser.** – table centre aligned within browser window (1 mark)	**1**
9	**Create a hyperlink from the image of the envelope to send an email message to GES@cie.org.uk with a subject line Book me a visit!** – anchor from image m17img8.jpg (1 mark) – href="mailto: (1 mark) – GES@cie.org.uk (1 mark) – ?subject= (1 mark) – Book me a visit!" (1 mark)	**5**
10	**Attach the stylesheet m17ss.css to the web page.** **Save the web page.** – stylesheet m17ss.css attached to web page (1 mark)	**1**

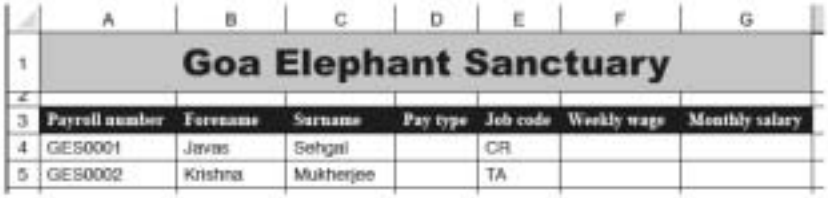
No.	Steps	Mark
The stylesheet has been created but needs to be improved using the most efficient syntax. Make sure your stylesheet contains no html.		
11	**Open and examine the stylesheet m17ss.css** **Add the following to this stylesheet:** h1, h2 and h3 — **Corsiva Hebrew** if this is not available then **Candara** if neither of these fonts are available, the browser's default sans-serif font. Set the file **m17bg1.jpg** as the background image. Set this image so that it is tiled (repeated) and overrides the browser's default settings. **Add your name, Centre number and candidate number as a comment to the bottom of your stylesheet.** **Save this stylesheet in your m17_html folder.** – h1,h2,h3 "Corsiva Hebrew" (1 mark) – , Candara (1 mark) – , sans-serif (1 mark) – body background-image: url('m17bg1.jpg'); (1 mark) – background-repeat: repeat (1 mark) – table,td {border: 0} (1 mark) – use of h1,h2,h3 for efficient syntax for heading-styles (1 mark) – correct comment added at bottom of stylesheet with /* format */ (1 mark)	**8**
12	**A website is tested before it is uploaded to the internet. Hyperlinks will be tested as part of the test strategy.** **List 4 questions in your own words that could be used within the test plan to test these hyperlinks.** – 4 from: Is hyperlink from correct text/image? Do hyperlinks to anchors within the page work? Do hyperlinks to other pages in this site work? Do hyperlinks to email open the editor/software? Do hyperlinks to email have the correct address/subject line? Do all external hyperlinks to existing URLs work? Are planned URL's owned/available for purchase? (1 mark for each, max 4 marks)	**4**
13	**Open the stylesheet m17ss.css** **Replace the background image *m17bg1.jpg* with the image m17bg2.jpg** **Save this stylesheet in your m17_html folder.** – browser view displays second background image. (1 mark)	**1**

No.	Steps	Mark
14	**Evaluate in your own words the change of background image.** 4 from: First background gives clear contrast to text/second does not have clear contrast Structure of webpage is clear with first background Second background image is unsuitable as it shifts from light to dark and is tiled Second background image relates to the context of the business as it includes an image of an elephant In second background it does not look like a professional company site Logo has poor contrast between background and colours of the logo (1 mark for each, max 4 marks)	**4**
		Total: 44

Task 3 – Spreadsheet

You are going to prepare a spreadsheet model to calculate the weekly wages of the employees. You must use the most efficient methods in your spreadsheet. All currency values are in Indian rupees to 2 decimal places.

Employees are paid to work for 50 weeks in each year and get 2 weeks' unpaid holiday. Some employees are paid weekly and some are paid a monthly salary.

No.	Steps	Mark
15	**Open and examine the files m17wages.csv and m17data.csv in a spreadsheet package.** **Insert 2 new rows at the top of the wages file.** **Add text and formatting so that the wages spreadsheet looks like this:**  **Save this as a spreadsheet with the filename m17_ and your Centre number and candidate number, e.g. m17_ZZ999_9999** **2 new rows** – inserted at top (1 mark) **Row 1** – A1 to G1 merged (1 mark) – Sans-serif centre aligned font (1 mark) – black text, 100% accurate, largest font (1 mark) – light/mid grey background (1 mark) **Row 2** – row height less than half row 3 (1 mark) **Row 3** – Serif left aligned font (1 mark) – white, italic text (1 mark) – black background (1 mark) **Sheet** – all column widths fully visible (1 mark)	**10**
16	**Place your name, Centre number and candidate number on the left in the footer.** **Place an automated filename which includes the file path, on the right in the footer.** – name and candidate numbers on left in footer (1 mark) – automated filename with file path placed on right in footer (1 mark)	**2**

No.	Steps	Mark
17	**In cell D4 enter a function to lookup the *Pay type* from the contents of the file *m17data.csv*** – VLOOKUP used (1 mark) – E4, external file/sheet for code (1 mark) – correct absolute range (1 mark) – correct return column (1 mark) – False parameter or sorted data in m17data (1 mark)	**5**
18	**In cell F4 enter a formula to calculate the weekly wage for this employee using the annual salary from the file *m17data.csv*** **The formula must display the weekly wage only if the *Pay type* is *W*. If the *Pay type* is not *W* do not display anything in this cell.** – =IF() with commas/semi-colons (1 mark) – cell reference D4 (1 mark) – =”W” (1 mark) – ,VLOOKUP (E4) used (1 mark) – external file/sheet and absolute range (1 mark) – ,3 & False parameter or sorted data set (1 mark) – /50 (1 mark) – else return blank cell (1 mark)	**8**
19	**In cell G4 enter a formula to calculate the monthly salary for this employee if the *Pay type* for this employee is *S*. If the *Pay type* for this employee is not *S* do not display anything in this cell.** – =IF() with commas/semi-colons (1 mark) – D4 =”S” (1 mark) – ,correct lookup, absolute range, 3, False to return annual salary (1 mark) – /12 (1 mark) – else return blank cell (1 mark)	**5**
20	**Replicate the formulae from steps 17 to 19 for all employees.** – all 3 formulae replicated for all employees (1 mark)	**1**
21	**Apply appropriate formatting to all cells.** – columns F and G formatted to 2dp in rupees (1 mark)	**1**
22	**Save and print the spreadsheet showing the formulae. Make sure:** **• it is in landscape orientation** **• the contents of all cells are fully visible.** – Landscape orientation and contents of all cells fully visible (1 mark)	**1**
23	**Print the spreadsheet showing the values. Make sure:** **• the printout fits on a single page wide** **• the contents of all cells are fully visible** – Printout fits on single page wide and contents of all cells are fully visible (1 mark)	**1**

No.	Steps	Mark
24	**Extract only the employees who earn less than 200 rupees a week.** **Sort the extract into ascending order of surname.** **Print the spreadsheet showing the values. Make sure:** • **the printout fits on a single page wide** • **the contents of all cells are fully visible.** – extract less than 200 rupees a week. (1 mark) – sorted into ascending order of Surname (1 mark)	**2**
		Total: 36

Question 11 – Evidence 1

```
h1        {font-weight:bold;
           font-size:42px;
           text-align:center}

h2        {font-size:30px;
           text-align:center;
           text-wrap:normal;
           word-wrap:break-word}

h3        {font-size:24px}

body      {background-image:url('m17bg1.jpg');
           background-repeat:repeat;
           color:#500000;}

h1,h2,h3 {font-family:"Corsiva Hebrew",Candara,sans-serif;}

table,td {border:0}

/* A candidate, ZZ999, 9999 */
```

body	background-image: url('m17bg1.jpg');	1
	background-repeat: repeat	1
h1,h2,h3	"Corsiva Hebrew"	1
	, Candara	1
	, sans-serif	1
table,td	{border: 0}	1
Use h1,h2,h3 for efficient syntax for heading-styles		1
Correct comment added with /* format */		1

Question 12 – Evidence 2

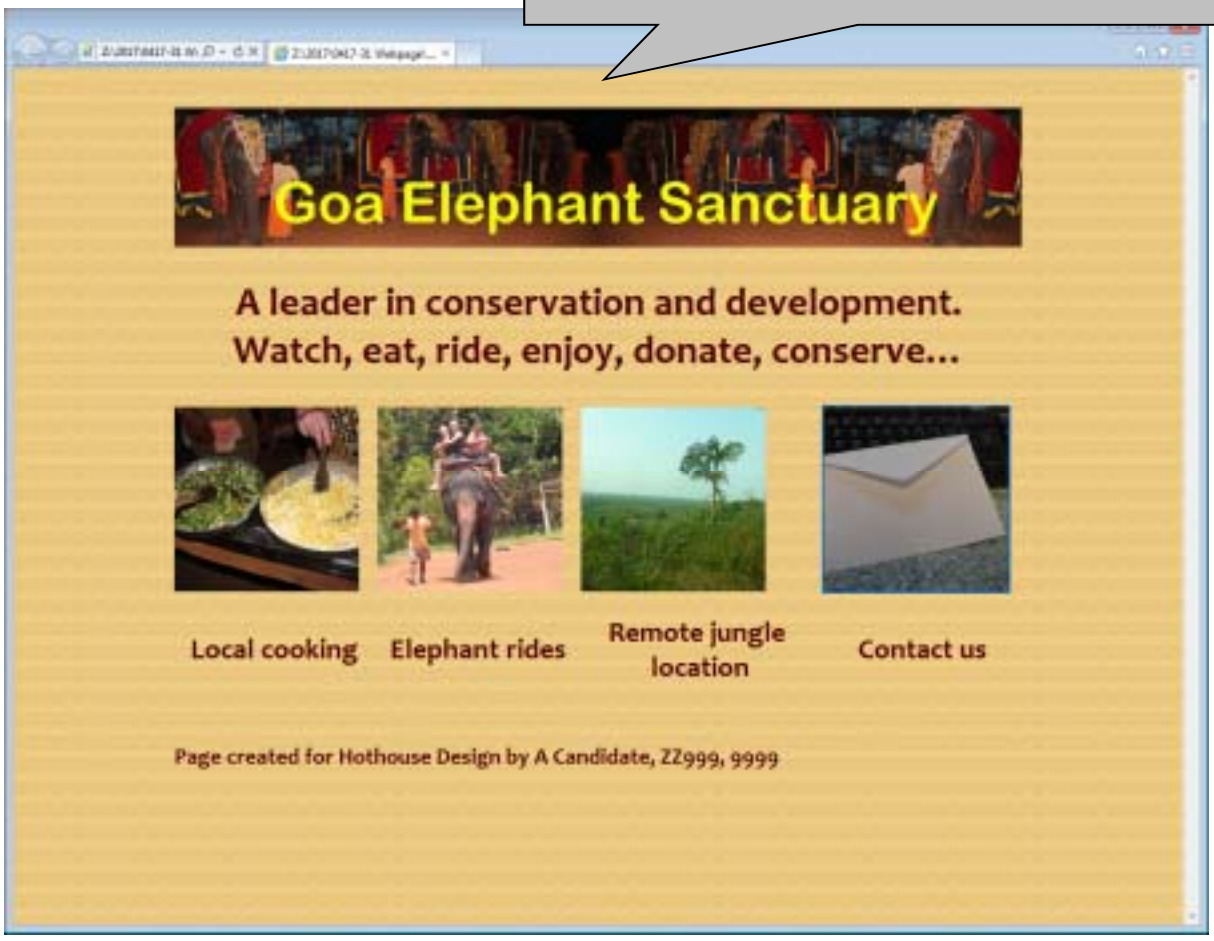
4 from:

- Is hyperlink from correct text/image?
- Do hyperlinks to anchors within the page work?
- Do hyperlinks to other pages in this site work?
- Do hyperlinks to email open the editor/software?
- Do hyperlinks to email have the correct address/subject line?
- Do all external hyperlinks to existing URLs work?
- Are planned URL's owned/available for purchase?

(1 mark for each, max 4 marks)

Question 12 – Evidence 3

Browser view	In browser with no letters vis	1
Table	borders not visible	1
Top cell	GES logo	1
Second row	Text 100% correct	1
	in h1	1
	Images as shown (4 correct for 2 marks, 3 for 1)	2
Text entry	All 4 elements of text 100% correct	1
	in h2	1
Last row	Page created for Hothouse Design by <cand details>	1
	in h3	1



Question 12 – Evidence 4

```
<!DOCTYPE html>
<html>
 <head>
  <link rel="stylesheet" href="m17ss.css">
 </head>
 <body>


   <table border="1" style="margin-left:auto; margin-right:auto;
width:900px">

    <tr style="height:200px;">
     <td colspan=4><img src="m17logo.jpg" alt="GES logo image">
     </td>
    </tr>

    <tr style="height:120px;">
     <td colspan=4><h1>A leader in conservation and development.<br>
Watch, eat, ride, enjoy, donate, conserve…</h1>
     </td>
    </tr>

    <tr style="height:225px;">

     <td style="width:225px;">
       <img src="m17img7.jpg" alt="Local cooking">
     </td>
     <td style="width:225px;">
       <img src="m17img3.jpg" alt="Elephant ride">
     </td>
     <td style="width:225px;">
       <img src="m17img5.jpg" alt="Jungle location">
     </td>
     <td style="width:225px;">

       <a href="mailto:GES@cie.org.uk?subject=Book%20me%20a%20visit!">
<img src="m17img8.jpg" alt="Contact us"></a>
     </td>
    </tr>
```

Stylesheet m17ss.css attached 1

Table centre aligned in the window 1
width:900px 1

Top row height:200px 1

Rows 1 and 2 colspan=4 1

2nd row height:120px 1

Row 3 height:225px 1

Rows 3 and 4 <td> 4 equal (225px or 25%) cell widths 1

Alt attribute appropriate alt text for all 5 images 1

Hyperlink From m17img8.jpg only 1
href="mailto: 1
GES@cie.org.uk 1
?subject= 1
Book me a visit!" 1

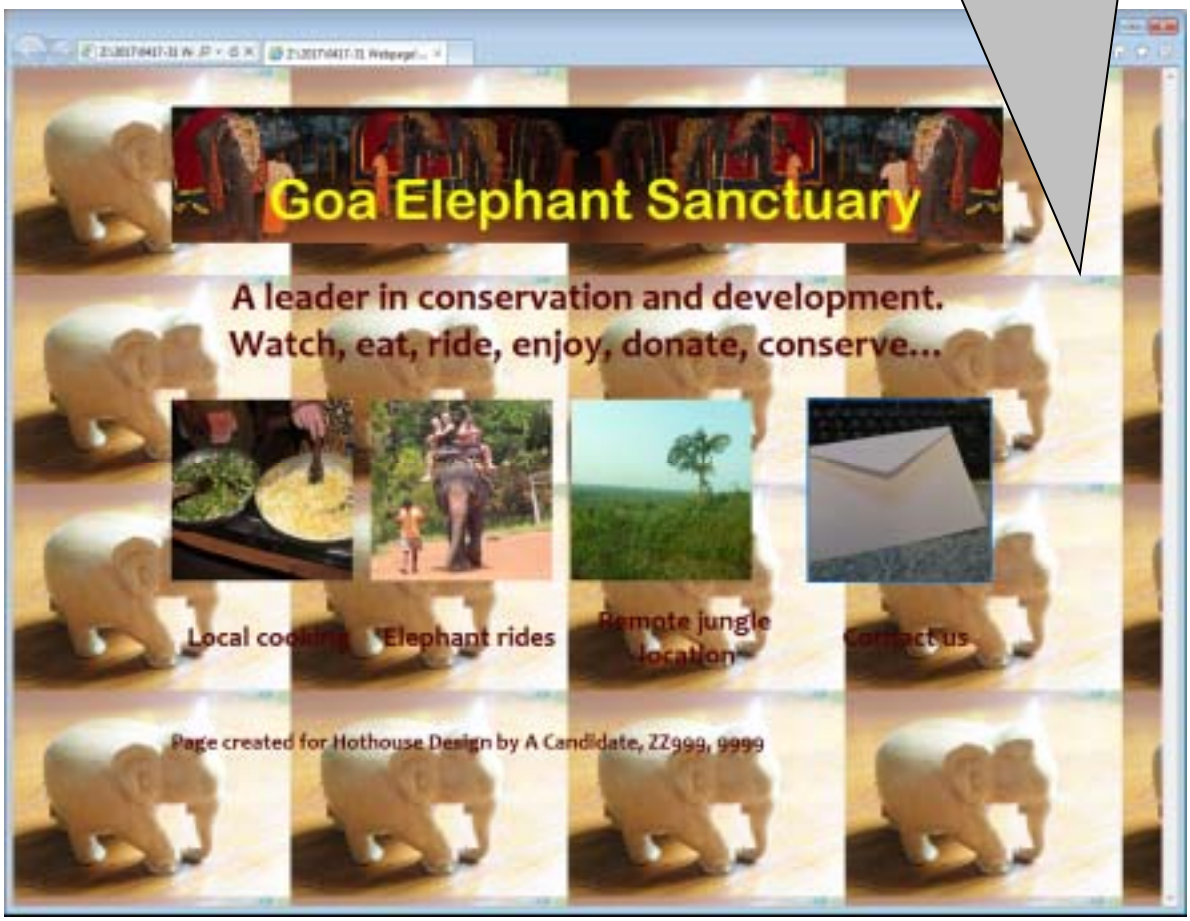
Row 4 height 100px 1

```
    <tr style="height:100px;">
     <td>
       <h2>Local cooking</h2>
     </td>
     <td>
       <h2>Elephant rides</h2>
     </td>
     <td>
       <h2>Remote jungle location</h2>
     </td>
     <td>
       <h2>Contact us</h2>
     </td>
    </tr>
    <tr style="height:60px;">
     <td colspan=4><h3>Page created for Hothouse Design by A Candidate,
ZZ999, 9999</h3>
     </td>
    </tr>
   </table>
 </body>
</html>
```

Row 5 height:60px and colspan=4 1

Question 13 – Evidence 5

Background image attached	1



Question 14 - Evidence 6

4 from:
First background gives clear contrast to text/second does not have clear contrast
Structure of webpage is clear with first background
Second background image is unsuitable as it shifts from light to dark and is tiled
Second background image relates to the context of the business as it includes an image of an elephant
In second background it does not look like a professional company site
Logo has poor contrast between background and colours of the logo

(1 mark for each, max 4 marks)

Question 15 – Evidence 7

2 new rows	inserted at top	1
Row 1	A1 to G1 merged	1
	Sans-serif centre aligned font	1
	Black text, 100% accurate, largest font	1
	Light/mid grey background	1
Row 2	Row height less than half row 3	1
Row 3	Serif left aligned font	1
	White text	1
	Black background	1
Sheet	Screenshot, all column widths fully visible	1

	A	B	C		E	F	G
1	Goa Elephant Sanctuary						
3	**Payroll number**	**Forename**	**Surname**	**Pay type**	**Job code**	**Weekly wage**	**Monthly salary**
4	GES0001	Javas	Sehgal		CR		
5	GES0002	Krishna	Mukherjee		TA		

	A	B	C	D	E
1					Goa El
3	**Payroll number**	**Forename**	**Surname**	**Pay type**	**Job code**
4	GES0001	Javas	Sehgal	=VLOOKUP(E4,m17data.csv!$A$2:$B$20,2,FALSE)	
5	GES0002	Krishna	Mukherjee	=VLOOKUP(E5,m17data.csv!$A$2:$B$20,2,FALSE)	
6	GES0003	Drishti	Negi	=VLOOKUP(E6,m17data.csv!$A$2:$B$20,2,FALSE)	
7	GES0004	Bhavata	Vasa	=VLOOKUP(E7,m17data.csv!$A$2:$B$20,2,FALSE)	
8	GES0005	Amish	Khare	=VLOOKUP(E8,m17data.csv!$A$2:$B$20,2,FALSE)	
9	GES0006	Ashvin	Rampersad	=VLOOKUP(E9,m17data.csv!$A$2:$B$20,2,FALSE)	
10	GES0007	Ben	Sehgal	=VLOOKUP(E10,m17data.csv!$A$2:$B$20,2,FALSE)	LT
11	GES0008	Mithra	Saha	=VLOOKUP(E11,m17data.csv!$A$2:$B$20,2,FALSE)	
12	GES0009	Gokul	Dixit	=VLOOKUP(E12,m17data.csv!$A$2:$B$20,2,FALSE)	SL
13	GES0011	Hari	Mehta	=VLOOKUP(E13,m17data.csv!$A$2:$B$20,2,FALSE)	AW
14	GES0012	Brahmaputra	Bhat	=VLOOKUP(E14,m17data.csv!$A$2:$B$20,2,FALSE)	AD
15	GES0015	Hari	Parsa	=VLOOKUP(E15,m17data.csv!$A$2:$B$20,2,FALSE)	AD
16	GES0016	Shesha	Matthai	=VLOOKUP(E16,m17data.csv!$A$2:$B$20,2,FALSE)	AW
17	GES0017	Jatin	Ganjoo	=VLOOKUP(E17,m17data.csv!$A$2:$B$20,2,FALSE)	CR
18	GES0018	Salim	Tandon	=VLOOKUP(E18,m17data.csv!$A$2:$B$20,2,FALSE)	WT
19	GES0019	Bhagwandas	Malik	=VLOOKUP(E19,m17data.csv!$A$2:$B$20,2,FALSE)	TS
20	GES0020	Yash	Dayal	=VLOOKUP(E20,m17data.csv!$A$2:$B$20,2,FALSE)	CR
21	GES0021	Mandar	Verma	=VLOOKUP(E21,m17data.csv!$A$2:$B$20,2,FALSE)	AD
22	GES0024	Achir	Bhattacharya	=VLOOKUP(E22,m17data.csv!$A$2:$B$20,2,FALSE)	AW
23	GES0025	Shiva	Beniwal	=VLOOKUP(E23,m17data.csv!$A$2:$B$20,2,FALSE)	PM
24	GES0026	Drishti	Char	=VLOOKUP(E24,m17data.csv!$A$2:$B$20,2,FALSE)	SL
25	GES0027	Kintan	Char	=VLOOKUP(E25,m17data.csv!$A$2:$B$20,2,FALSE)	AD
26	GES0028	Indravadan	Goswami	=VLOOKUP(E26,m17data.csv!$A$2:$B$20,2,FALSE)	AW
27	GES0029	Zohar	Dewangan	=VLOOKUP(E27,m17data.csv!$A$2:$B$20,2,FALSE)	WT
28	GES0030	Kala	Nair	=VLOOKUP(E28,m17data.csv!$A$2:$B$20,2,FALSE)	IS
29	GES0031	Aaral	Bhattacharya	=VLOOKUP(E29,m17data.csv!$A$2:$B$20,2,FALSE)	HD
30	GES0032	Josha	Parsa	=VLOOKUP(E30,m17data.csv!$A$2:$B$20,2,FALSE)	IC
31	GES0033	Amberley	Rajagopal	=VLOOKUP(E31,m17data.csv!$A$2:$B$20,2,FALSE)	IA

Pay type	VLOOKUP ( )	1
	E4, External file/sheet for code	1
	Correct absolute range	1
	Correct return column	1
	False or sorted data in m17data	1

A Candidate, ZZ999, 9999

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	A	B	C	D	E
32	GES0034	Chakra	Khare	=VLOOKUP(E32,m17data.csv!$A$2:$B$20,2,FALSE)	AD
33	GES0035	Aashish	Jain	=VLOOKUP(E33,m17data.csv!$A$2:$B$20,2,FALSE)	IS
34	GES0036	Tandu	Dora	=VLOOKUP(E34,m17data.csv!$A$2:$B$20,2,FALSE)	AW
35	GES0037	Viraj	Salvi	=VLOOKUP(E35,m17data.csv!$A$2:$B$20,2,FALSE)	AD
36	GES0039	Kintan	Char	=VLOOKUP(E36,m17data.csv!$A$2:$B$20,2,FALSE)	ST
37	GES0040	Lai	Dixit	=VLOOKUP(E37,m17data.csv!$A$2:$B$20,2,FALSE)	ST
38	GES0041	Kalima	Bail	=VLOOKUP(E38,m17data.csv!$A$2:$B$20,2,FALSE)	MD
39	GES0042	Alagan	Ganaka	=VLOOKUP(E39,m17data.csv!$A$2:$B$20,2,FALSE)	AD
40	GES0043	Nihal	Chopra	=VLOOKUP(E40,m17data.csv!$A$2:$B$20,2,FALSE)	WD
41	GES0044	Padm	Gandhi	=VLOOKUP(E41,m17data.csv!$A$2:$B$20,2,FALSE)	AD
42	GES0045	Imaran	Magar	=VLOOKUP(E42,m17data.csv!$A$2:$B$20,2,FALSE)	TS
43	GES0046	Anoushka	Mishra	=VLOOKUP(E43,m17data.csv!$A$2:$B$20,2,FALSE)	SL
44	GES0047	Ina	Bhat	=VLOOKUP(E44,m17data.csv!$A$2:$B$20,2,FALSE)	VS
45	GES0048	Ashvin	Mukherjee	=VLOOKUP(E45,m17data.csv!$A$2:$B$20,2,FALSE)	AD
46	GES0049	Ishanvi	Banerjee	=VLOOKUP(E46,m17data.csv!$A$2:$B$20,2,FALSE)	SL
47	GES0050	Ekadanta	Goswami	=VLOOKUP(E47,m17data.csv!$A$2:$B$20,2,FALSE)	WD
48	GES0051	Malajit	Arora	=VLOOKUP(E48,m17data.csv!$A$2:$B$20,2,FALSE)	SL
49	GES0052	Sahan	Bhavsar	=VLOOKUP(E49,m17data.csv!$A$2:$B$20,2,FALSE)	PM
50	GES0053	Palash	Jha	=VLOOKUP(E50,m17data.csv!$A$2:$B$20,2,FALSE)	AD
51	GES0054	Yash	Dwivedi	=VLOOKUP(E51,m17data.csv!$A$2:$B$20,2,FALSE)	WD
52	GES0055	Utkarsh	Bail	=VLOOKUP(E52,m17data.csv!$A$2:$B$20,2,FALSE)	AD
53	GES0056	Zohar	Parikh	=VLOOKUP(E53,m17data.csv!$A$2:$B$20,2,FALSE)	PR
54	GES0057	Shudra	Vaidya	=VLOOKUP(E54,m17data.csv!$A$2:$B$20,2,FALSE)	IS
55	GES0058	Jeevan	Agarwal	=VLOOKUP(E55,m17data.csv!$A$2:$B$20,2,FALSE)	ST
56	GES0059	James	Sehgal	=VLOOKUP(E56,m17data.csv!$A$2:$B$20,2,FALSE)	IM
57	GES0060	Gokul	Seth	=VLOOKUP(E57,m17data.csv!$A$2:$B$20,2,FALSE)	TS

A Candidate, ZZ999, 9999 D:\CIE\0417\2017\2017_Mar_0417_31\worked\m17_ZZ999_9999.xlsx

	F	G
1	ephant Sanctuary	
3	Weekly wage	Monthly salary
4	=IF(D4="W",VLOOKUP(E4,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D4="S",VLOOKUP(E4,m17
5	=IF(D5="W",VLOOKUP(E5,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D5="S",VLOOKUP(E5,m17
6	=IF(D6="W",VLOOKUP(E6,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D6="S",VLOOKUP(E6,m17
7	=IF(D7="W",VLOOKUP(E7,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D7="S",VLOOKUP(E7,m17
8	=IF(D8="W",VLOOKUP(E8,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D8="S",VLOOKUP(E8,m17
9	=IF(D9="W",VLOOKUP(E9,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D9="S",VLOOKUP(E9,m17
10	=IF(D10="W",VLOOKUP(E10,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D10="S",VLOOKUP(E10,m
11	=IF(D11="W",VLOOKUP(E11,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D11="S",VLOOKUP(E
12	=IF(D12="W",VLOOKUP(E12,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D12="S",VLOOKU
13	=IF(D13="W",VLOOKUP(E13,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D13="S",VL
14	=IF(D14="W",VLOOKUP(E14,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D14="S"
15	=IF(D15="W",VLOOKUP(E15,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D1
16	=IF(D16="W",VLOOKUP(E16,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	
17	=IF(D17="W",VLOOKUP(E17,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D17="S",VLOOKUP(E17,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
18	=IF(D18="W",VLOOKUP(E18,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D18="S",VLOOKUP(E18,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
19	=IF(D19="W",VLOOKUP(E19,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D19="S",VLOOKUP(E19,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
20	=IF(D20="W",VLOOKUP(E20,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D20="S",VLOOKUP(E20,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
21		=IF(D21="S",VLOOKUP(E21,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
22		=IF(D22="S",VLOOKUP(E22,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
23		=IF(D23="S",VLOOKUP(E23,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
24		=IF(D24="S",VLOOKUP(E24,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
25		=IF(D25="S",VLOOKUP(E25,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
26		=IF(D26="S",VLOOKUP(E26,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
27		=IF(D27="S",VLOOKUP(E27,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
28		=IF(D28="S",VLOOKUP(E28,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
29		=IF(D29="S",VLOOKUP(E29,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
30	=IF(D30="W",VLOOKUP(E30,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D30="S",VLOOKUP(E30,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
31	=IF(D31="W",VLOOKUP(E31,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D31="S",VLOOKUP(E31,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")

Weekly wage

=IF( ) with commas/semi-colons	1
Cell reference D4	1
=”W”	1
,VLOOKUP (E4) used	1
External file/sheet and abs range	1
,3 & False or sorted data set	1
/50	1
Else return blank cell	1

Monthly salary

=IF( ) with commas/semi-colons	1
D4 =”S”	1
,Correct lookup, abs range, 3, False to return annual salary	1
/12	1
Else return blank cell	1

A Candidate, ZZ999, 9999

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	F	G
32	=IF(D32="W",VLOOKUP(E32,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D32="S",VLOOKUP(E32,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
33	=IF(D33="W",VLOOKUP(E33,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D33="S",VLOOKUP(E33,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
34	=IF(D34="W",VLOOKUP(E34,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D34="S",VLOOKUP(E34,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
35	=IF(D35="W",VLOOKUP(E35,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D35="S",VLOOKUP(E35,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
36	=IF(D36="W",VLOOKUP(E36,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D36="S",VLOOKUP(E36,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
37	=IF(D37="W",VLOOKUP(E37,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D37="S",VLOOKUP(E37,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
38	=IF(D38="W",VLOOKUP(E38,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D38="S",VLOOKUP(E38,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
39	=IF(D39="W",VLOOKUP(E39,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D39="S",VLOOKUP(E39,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
40	=IF(D40="W",VLOOKUP(E40,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D40="S",VLOOKUP(E40,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
41	=IF(D41="W",VLOOKUP(E41,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D41="S",VLOOKUP(E41,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
42	=IF(D42="W",VLOOKUP(E42,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D42="S",VLOOKUP(E42,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
43	=IF(D43="W",VLOOKUP(E43,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D43="S",VLOOKUP(E43,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
44	=IF(D44="W",VLOOKUP(E44,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D44="S",VLOOKUP(E44,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
45	=IF(D45="W",VLOOKUP(E45,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D45="S",VLOOKUP(E45,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
46	=IF(D46="W",VLOOKUP(E46,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D46="S",VLOOKUP(E46,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
47	=IF(D47="W",VLOOKUP(E47,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D47="S",VLOOKUP(E47,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
48	=IF(D48="W",VLOOKUP(E48,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D48="S",VLOOKUP(E48,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
49	=IF(D49="W",VLOOKUP(E49,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D49="S",VLOOKUP(E49,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
50	=IF(D50="W",VLOOKUP(E50,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D50="S",VLOOKUP(E50,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
51	=IF(D51="W",VLOOKUP(E51,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D51="S",VLOOKUP(E51,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
52	=IF(D52="W",VLOOKUP(E52,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D52="S",VLOOKUP(E52,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
53	=IF(D53="W",VLOOKUP(E53,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D53="S",VLOOKUP(E53,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
54	=IF(D54="W",VLOOKUP(E54,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D54="S",VLOOKUP(E54,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
55	=IF(D55="W",VLOOKUP(E55,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D55="S",VLOOKUP(E55,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
56	=IF(D56="W",VLOOKUP(E56,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D56="S",VLOOKUP(E56,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")
57	=IF(D57="W",VLOOKUP(E57,m17data.csv!$A$2:$C$20,3,FALSE)/50,"")	=IF(D57="S",VLOOKUP(E57,m17data.csv!$A$2:$C$20,3,FALSE)/12,"")

Replication	All 3 columns	1
Printout	Landscape and fully visible	1

Footer	Name and candidate details left aligned	1
	Filename and file path right aligned	1

A Candidate, ZZ999, 9999

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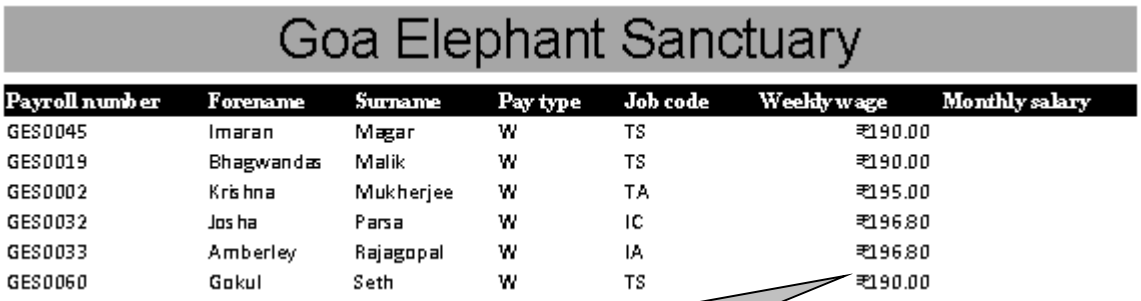
Goa Elephant Sanctuary

Payroll number	Forename	Surname	Pay type	Job code	Weekly wage	Monthly salary
GES0001	Javas	Sehgal	W	CR	₹341.57	
GES0002	Krishna	Mukherjee	W	TA	₹195.00	
GES0003	Drishti	Negi	W	AD	₹322.00	
GES0004	Bhavata	Vasa	W	SL	₹460.00	
GES0005	Amish	Khare	W	ST	₹402.00	
GES0006	Ashvin	Rampersad	W	AD	₹322.00	
GES0007	Ben	Sehgal	W	LT	₹207.54	
GES0008	Mithra	Saha	W	ST	₹402.00	
GES0009	Gokul	Dixit	W	SL	₹460.00	
GES0011	Hari	Mehta	W	AW	₹294.65	
GES0012	Brahmaputra	Bhat	W	AD	₹322.00	
GES0015	Hari	Parsa	W	AD	₹322.00	
GES0016	Shesha	Matthai	W	AW	₹294.65	
GES0017	Jatin	Ganjoo	W	CR	₹341.57	
GES0018	Salim	Tandon	W	WT	₹254.50	
GES0019	Bhagwandas	Malik	W	TS	₹190.00	
GES0020	Yash	Dayal	W	CR	₹341.57	
GES0021	Mandar	Verma	W	AD	₹322.00	
GES0024	Achir	Bhattacharya	W	AW	₹294.65	
GES0025	Shiva	Beniwal	W	PM	₹207.54	
GES0026	Drishti	Char	W	SL	₹460.00	
GES0027	Kintan	Char	W	AD	₹322.00	
GES0028	Indravadan	Goswami	W	AW	₹294.65	
GES0029	Zohar	Dewangan	W	WT	₹254.50	
GES0030	Kala	Nair	W	IS	₹355.05	
GES0031	Aaral	Bhattacharya	W	HD	₹635.00	
GES0032	Josha	Parsa	W	IC	₹196.80	
GES0033	Amberley	Rajagopal	W	IA	₹196.80	
GES0034	Chakra	Khare	W	AD	₹322.00	
GES0035	Aashish	Jain	W	IS	₹355.05	
GES0036	Tandu	Dora	W	AW	₹294.65	
GES0037	Viraj	Salvi	W	AD	₹322.00	
GES0039	Kintan	Char	W	ST	₹402.00	
GES0040	Lai	Dixit	W	ST	₹402.00	
GES0041	Kalima	Bail	S	MD		₹3,958.33
GES0042	Alagan	Ganaka	W	AD	₹322.00	
GES0043	Nihal	Chopra	W	WD	₹254.50	
GES0044	Padm	Gandhi	W	AD	₹322.00	
GES0045	Imaran	Magar	W	TS	₹190.00	
GES0046	Anoushka	Mishra	W	SL	₹460.00	
GES0047	Ina	Bhat	S	VS		₹3,434.79
GES0048	Ashvin	Mukherjee	W	AD	₹322.00	
GES0049	Ishanvi	Banerjee	W	SL	₹460.00	
GES0050	Ekadanta	Goswami	W	WD	₹254.50	
GES0051	Malajit	Arora	W	SL	₹460.00	
GES0052	Sahan	Bhavsar	W	PM	₹207.54	
GES0053	Palash	Jha	W	AD	₹322.00	
GES0054	Yash	Dwivedi	W	WD	₹254.50	
GES0055	Utkarsh	Bail	W	AD	₹322.00	
GES0056	Zohar	Parikh	W	PR	₹203.54	
GES0057	Shudra	Vaidya	W	IS	₹355.05	
GES0058	Jeevan	Agarwal	W	ST	₹402.00	
GES0059	James	Sehgal	S	IM		₹2,114.75
GES0060	Gokul	Seth	W	TS	₹190.00	

A Candidate, Z2999, 9999 D:\...\2017\2017_Mar_0417_31\worked\m17_Z2999_9999.xlsx

Values	Columns F and G in rupees to 2dp	1
	Single page wide and fully visible	1



Goa Elephant Sanctuary

Payroll number	Forename	Surname	Pay type	Job code	Weekly wage	Monthly salary
GES0045	Imaran	Magar	W	TS	₹190.00	
GES0019	Bhagwandas	Malik	W	TS	₹190.00	
GES0002	Krishna	Mukherjee	W	TA	₹195.00	
GES0032	Josha	Parsa	W	IC	₹196.80	
GES0033	Amberley	Rajagopal	W	IA	₹196.80	
GES0060	Gokul	Seth	W	TS	₹190.00	

Extract less than 200 rupees a week	1
Sorted ascending on Surname	1