Cambridge International Examinations
Cambridge International General Certificate of Secondary Education

INFORMATION AND COMMUNICATION TECHNOLOGY **0417/32**

Paper 3 Practical Test B **May/June 2016**

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 will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the May/June 2016 series for most Cambridge IGCSE®, Cambridge International A and AS Level components and some Cambridge O Level components.

This syllabus is approved for use in England, Wales and Northern Ireland as a Cambridge International Level 1/Level 2 Certificate.

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 – Spreadsheet

You are going to prepare a spreadsheet for the Goa Elephant Sanctuary to manage employees' wages. Use the most efficient formulae. Display all currency values in Indian rupees to 2 decimal places. For example, 12.00 or INR 12.00
1 rupee = 100 paisa

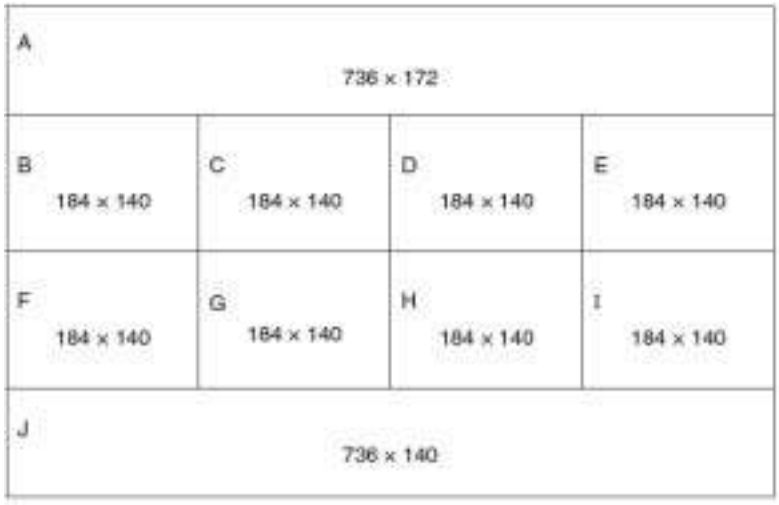
No	Steps	Mark
1	**Using a suitable software package, load the file 1632sheet.csv** **Save this file as a spreadsheet with the filename 1632_ and your Centre number and candidate number. For example, 1632_ZZ999_9999** **Place an automated filename which includes the file path, on the left in the footer.** Automated filename with file path placed on left in footer 1 mark	[1]
2	**Insert 2 new rows between rows 12 and 13.** Correctly inserted rows 1 mark	[1]
3	**In cell A14 enter the title Goa Elephant Sanctuary** Goa Elephant Sanctuary entered in A14 1 mark	[1]
4	**Merge cells A14 to H14.** **Format this cell so that the text is centre aligned with a black, 24 point, serif font.** A14 to H14 merged 1 mark serif centre aligned font 1 mark black text, 24 point font 1 mark	[3]
5	**Make the contents of cells in rows 1, 2, 15 and 16 bold and italic.** Rows 1,2 15 and 16 bold and italic 1 mark	[1]
6	**In cell D17 enter a function to look up, from the external file 1632jobs.csv the job description of the employee.** =VLOOKUP() 1 mark C17 as relative reference 1 mark External file '1632jobs.csv' 1 mark Correct range !$A$2:$B$23 with absolute referencing 1 mark ,2 1 mark ,False 1 mark	[6]

No	Steps	Mark
7	**In cell E17 enter a function to:** • **look up from the *Pay grade table* the annual *Pay rate* for this employee** • **multiply this by the value in the *Works* column.** =VLOOKUP() or LOOKUP 1 mark B17 as relative reference 1 mark Correct range !$A$3:$B$12 with absolute referencing 1 mark ,2 ,False 1 mark *F17 1 mark	[5]
8	**In cell G17 enter a formula to display:** • **Full time if the *Works* column contains 1** • **Not started if the *Works* column contains 0** • **Part time if not 0 or 1.** =IF() 1 mark F17=1 1 mark ,"Full time", 1 mark NESTED IF() 1 mark F17=0 1 mark ,"Not started", 1 mark "Part time" 1 mark	[7]
9	**In cell H17 enter a formula to calculate the weekly wage in rupees, rounded down to the nearest paisa.** **1 rupee = 100 paisa. 1 year = 52 weeks.** =ROUNDDOWN(,2) 1 mark E17/52 1 mark	[2]
10	**Replicate the formulae entered in steps 6, 7, 8, and 9 for each project.** All 4 formulae replicated 1 mark	[1]
11	**In cell H48 enter a function to add the total weekly wage bill.** =SUM(H17:H47) 1 mark	[1]
12	**Apply appropriate formatting to all cells.** Pay rate, Annual salary and Weekly wage column formatted to 2dp in rupees 1 mark	[1]
13	**Sort the weekly wage table into descending order of *Annual salary* then ascending order of *Job description*.** Sorted descending by Annual salary 1 mark Then ascending by Job description 1 mark	[2]

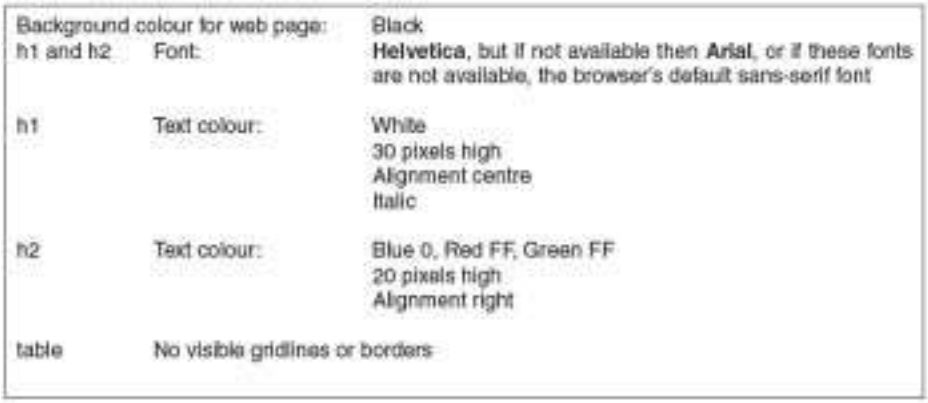
No	Steps	Mark
14	**Save and print the spreadsheet showing the formulae. Make sure:** • **Your name, Centre number and candidate number are entered in an appropriate place on your spreadsheet** • **it is in landscape orientation** • **the row and column headings are displayed** • **the contents of all cells are fully visible.** Landscape orientation and contents of all cells fully visible 1 mark Row and column headings displayed 1 mark	[2]
15	**Print the spreadsheet showing the values. Make sure the:** • **printout fits on a single page** • **contents of all cells are fully visible.** Printout fits on single page and contents of all cells are fully visible 1 mark	[1]
16	**Change the data so that:** • **Orrjit Dutta works 0.6 of a week** • **Rujul Rangan works full time** • **Pravar Subramanium works 0.8 of a week** 3 changes made correctly (with correct totals) 2 marks or 2 changes made as specified 1 mark	[2]
17	**Save and print the spreadsheet showing the values. Make sure the:** • **printout fits on a single page** • **contents of all cells are fully visible.** Printout correct total only – 7026.52 1 mark	[1]
		[Total: 38]

Task 3 – Web Page

You are going to help develop a website for the Goa Elephant Sanctuary to raise awareness of the project. Viewers of the website may have slow internet connection, so efficient markup must be used.

No	Steps	Mark
	Create a new folder called 1632_html **Locate the following files and place them in your 1632_html folder.** **1632img1.jpg** **1632img2.jpg** **1632img3.jpg** **1632img4.jpg** **1632img5.jpg** **1632img6.jpg** **1632img7.jpg** **1632img8.jpg** **1632logo.jpg**	
18	**Create a web page called 1632ges.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 and the letters 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) set to 736px 1 mark Rows 1 and 4 colspan set to 4 1 mark Row 1 table row set to height of 172px 1 mark Rows 2, 3 and 4 height set to 140px 1 mark Row 2 4 cells wide 1 mark Row 2 or 3 table data width set to 184px or 25% 1 mark	[8]

No	Steps	Mark
19	**Place in cell A the image 1632logo.jpg** **Resize this image to 730 pixels wide, maintaining its aspect ratio.** Goa Elephant Sanctuary logo placed in top row 1 mark Image resized to 730px wide with aspect ratio maintained 1 mark	[2]
20	**Using the most appropriate image from 1632img1.jpg to 1632img8.jpg, place in cell:** • **B the image of an elephant in a river** • **C the image of an elephant ride** • **D the image of a stream in the jungle** • **E the image of a garden** 4 correct insertions of image 2 marks 3 correct insertions of image 1 marks 0, 1 or 2 correct insertions of image 0 marks	[2]
21	**Make sure that appropriate text is displayed for each image, if it is not available.** Appropriate text set for alt text attribute for all 5 images 1 mark	[1]
22	**In cell:** • **F enter the text Elephant bath time** • **G enter the text Elephant rides** • **H enter the text Trek up a jungle stream** • **I enter the text Chill out in our tranquil gardens** **Set all this text as style h1.** All 4 elements of text 100% correct 1 mark All text set into style h1 1 mark	[2]
23	**Place in cell J the text Updated by:** **followed by your name, Centre number and candidate number.** **Set this text as style h2.** Text 100% correct plus candidate details 1 mark Text set into style h2 1 mark	[2]
24	**Centre align the table in the browser.** **Save the web page.** Table centre aligned within browser window 1 mark	[1]

No	Steps	Mark
25	**Create a new cascading stylesheet to be used with the website. All colour codes must be in hexadecimal. Make sure your stylesheet contains no html.** **The specifications for this stylesheet are:**  Background colour for web page: Black h1 and h2 Font: **Helvetica**, but if not available then **Arial**, or if these fonts are not available, the browser's default sans-serif font h1 Text colour: White; 30 pixels high; Alignment centre; Italic h2 Text colour: Blue 0, Red FF, Green FF; 20 pixels high; Alignment right table No visible gridlines or borders **Save this stylesheet in your 1632_html folder. Use the file name styl followed by your candidate number. For example, if your candidate number is 9999 then you will call the file styl9999.css** **body** background-color: #000000 1 mark **h1, h2** font-family: Helvetica 1 mark , Arial, sans-serif; 1 mark **h1** color: #FFFFFF 1 mark font-size: 30px 1 mark text-align: center 1 mark font-style: italic 1 mark **h2** color: #FFFF00 1 mark font-size: 20px 1 mark text-align: right 1 mark **table and td** table,td {border:0} 1 mark	[11]
26	**Attach the stylesheet saved in step 25 to the web page saved in step 24.** **Save the web page.** Stylesheet attached to web page with correct name 1 mark	[1]
		[Total: 30]

Task 4 – Trainee Notes

You are going to produce some notes for an audience of trainees learning to develop web pages for the Goa Elephant Sanctuary.

No	Steps	Mark
27	**Examine the file 1632training.rtf and open it in an appropriate software package.** **Make sure that your name, Centre number and candidate number are placed within these notes.** **Replace the text <Answer 1 here> with suitable methods of reducing the dimensions of an image for use in a web page.** Width and height attributes can be set within the web page. 1 mark The image can be resized within a graphics package. 1 mark	[2]
28	**Replace the text <Evaluation here> with an evaluation of each of these methods for use in the development of the Goa Elephant Sanctuary's website. Include in your evaluation which is the most appropriate method.** 3 from: Resizing in web page takes longer to load as full image is downloaded. This allows the same image to be used as a full image and a thumbnail. If resized in a graphic package the file size is reduced. Therefore faster to download the web page. …which is essential given the information "Many of the people who will view the web page have very slow internet connection". Resizing may change clarity of the image Max 3 marks Conclusion: the resizing in the graphics package is appropriate for this task. 1 mark	[4]
29	**Replace the text <Answer 2 here> with the number of bits per channel in a JPEG image.** 8 1 mark **Replace the text <Answer 3 here> with the most appropriate file format for still and moving images that the Goa Elephant Sanctuary should use within its website.** GIF 1 mark	[2]

No	Steps	Mark
30	**Replace the text <Layer> with the name of the layer that completes each sentence.** **Save and print your notes for the trainees.** The layout of a web page is created in the **content** layer. The **behaviour** layer contains coding. Hyperlinks are placed in the **content** layer. The **presentation** layer contains the colour definitions for a web page. 4 marks	[4]
		[Total 12]

Step 14

	A	B	C	D	E
1	*Pay grade table*				
2	*Pay grade*	*Pay rate*			
12	D2	7400			
13					
14					Elephant Sanctuary
15	*Weekly [illegible]e table*				
16	*Name*	*Pay grade*	*Job code*	*Job description*	*Annual salary*
17	Abhay Shar	A1	SD	=VLOOKUP(C17,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B17,$A$3:$A$12,$B$3:$B$12)*F17
18	Manish Kap	B2	AD	=VLOOKUP(C18,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B18,$A$3:$A$12,$B$3:$B$12)*F18
19	Surjan Malik	B2	PG	=VLOOKUP(C19,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B19,$A$3:$A$12,$B$3:$B$12)*F19
20	Arnav Nair	B2	SE	=VLOOKUP(C20,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B20,$A$3:$A$12,$B$3:$B$12)*F20
21	Prabir Das	C1	HA	=VLOOKUP(C21,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B21,$A$3:$A$12,$B$3:$B$12)*F21
22	Rajul Venkatesa	C1	MA	=VLOOKUP(C22,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B22,$A$3:$A$12,$B$3:$B$12)*F22
23	Parees Balasubra	C1	OS	=VLOOKUP(C23,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B23,$A$3:$A$12,$B$3:$B$12)*F23
24	Lalit Sharma	C2	HA	=VLOOKUP(C24,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B24,$A$3:$A$12,$B$3:$B$12)*F24
25	Ameya Dasgupta		MA	=VLOOKUP(C25,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B25,$A$3:$A$12,$B$3:$B$12)*F25
26	Pravar Subramanium		SH	=VLOOKUP(C26,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B26,$A$3:$A$12,$B$3:$B$12)*F26
27	Agni Singh		GA	=VLOOKUP(C27,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B27,$A$3:$A$12,$B$3:$B$12)*F27
28	Krishna Dasgupta		MA	=VLOOKUP(C28,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B28,$A$3:$A$12,$B$3:$B$12)*F28
29	Nishar Sen		MA	=VLOOKUP(C29,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B29,$A$3:$A$12,$B$3:$B$12)*F29
30	Ojas Mukopadhyay		MA	=VLOOKUP(C30,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B30,$A$3:$A$12,$B$3:$B$12)*F30
31	Ajeet Banerje			$2:$B$23,2,0)	=LOOKUP(B31,$A$3:$A$12,$B$3:$B$12)*F31
32	Induj Bose			$2:$B$23,2,0)	=LOOKUP(B32,$A$3:$A$12,$B$3:$B$12)*F32

Job description

=VLOOKUP()		1
C17	as relative reference	1
External file	'1632jobs.csv'	1
Correct range	!$A$2:$B$23 with abs ref	1
	,2	1
,	False or ,0	1

Annual salary

=VLOOKUP()		1
B17	as relative reference	1
Correct range	$A$3:$B$12 with absolute referencing	1
	,2	1
	*F17	1

2 New rows between 12 and 13 1

D:\CIE\0417\2016\2016_06_0417_32\worked\1632sheet_worked.xlsx

	A	B	C	D	E
33	Neela Gupta	C1	TG	=VLOOKUP(C33,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B33,$A$3:$A$12,$B$3:$B$12)*F33
34	Kunala Bose	A2	FD	=VLOOKUP(C34,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B34,$A$3:$A$12,$B$3:$B$12)*F34
35	Nalin Jayaraman	C2	TG	=VLOOKUP(C35,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B35,$A$3:$A$12,$B$3:$B$12)*F35
36	Manju Chattopadhyay	C3	SH	=VLOOKUP(C36,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B36,$A$3:$A$12,$B$3:$B$12)*F36
37	Ojam Chatterjee	D1	AM	=VLOOKUP(C37,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B37,$A$3:$A$12,$B$3:$B$12)*F37
38	Narmad Rao	D1	SH	=VLOOKUP(C38,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B38,$A$3:$A$12,$B$3:$B$12)*F38
39	Lal Saxena	D2	ST	=VLOOKUP(C39,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B39,$A$3:$A$12,$B$3:$B$12)*F39
40	Nadeen Sengupta	C3	MA	=VLOOKUP(C40,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B40,$A$3:$A$12,$B$3:$B$12)*F40
41	Hemadri Pillai	C1	TG	=VLOOKUP(C41,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B41,$A$3:$A$12,$B$3:$B$12)*F41
42	Vinayak Rangarajan	D1	AM	=VLOOKUP(C42,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B42,$A$3:$A$12,$B$3:$B$12)*F42
43	Lata Se	D2	AA	=VLOOKUP(C43,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B43,$A$3:$A$12,$B$3:$B$12)*F43
44	Arya Chattopadhyay	D2	AN	=VLOOKUP(C44,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B44,$A$3:$A$12,$B$3:$B$12)*F44
45	Prajit Banerjee	D1	AM	=VLOOKUP(C45,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B45,$A$3:$A$12,$B$3:$B$12)*F45
46	Orrjit Dutta	D2	AN	=VLOOKUP(C46,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B46,$A$3:$A$12,$B$3:$B$12)*F46
47	Rujul Rangan	C3	MA	=VLOOKUP(C47,'1632jobs.csv'!$A$2:$B$23,2,0)	=LOOKUP(B47,$A$3:$A$12,$B$3:$B$12)*F47
48					

D:\CIE\0417\2016\2016_06_0417_32\worked\1632sheet_worked.xlsx

	F	G	H
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16	*Works*	*Job type*	*Weekly wage*
17	1	=IF(F17=1,"Full time",IF(F17=0,"Not started","Part time"))	=ROUNDDOWN(E17/52,2)
18	1	=IF(F18=1,"Full time",IF(F18=0,"Not started","Part time"))	=ROUNDDOWN(E18/52,2)
19	1	=IF(F19=1,"Full time",IF(F19=0,"Not started","Part time"))	=ROUNDDOWN(E19/52,2)
20	1	=IF(F20=1,"Full time",IF(F20=0,"Not started","Part time"))	=ROUNDDOWN(E20/52,2)
21	1	=IF(F21=1,"Full time",IF(F21=0,"Not started","Part time"))	=ROUNDDOWN(E21/52,2)
22	1	=IF(F22=1,"Full time",IF(F22=0,"Not started","Part time"))	=ROUNDDOWN(E22/52,2)
23	1	=IF(F23=1,"Full time",IF(F23=0,"Not started","Part time"))	=ROUNDDOWN(E23/52,2)
24	1	=IF(F24=1,"Full time",IF(F24=0,"Not started","Part time"))	=ROUNDDOWN(E24/52,2)
25	1	=IF(F25=1,"Full time",IF(F25=0,"Not started","Part time"))	=ROUNDDOWN(E25/52,2)
26	1	=IF(F26=1,"Full time",IF(F26=0,"Not started","Part time"))	=ROUNDDOWN(E26/52,2)
27	1	=IF(F27=1,"Full time",IF(F27=0,"Not started","Part time"))	=ROUNDDOWN(E27/52,2)
28	1	=IF(F28=1,"Full time",IF(F28=0,"Not started","Part time"))	=ROUNDDOWN(E28/52,2)
29	1	=IF(F29=1,"Full time",IF(F29=0,"Not started","Part time"))	=ROUNDDOWN(E29/52,2)
30	1	=IF(F30=1,"Full time",IF(F30=0,"Not started","Part time"))	=ROUNDDOWN(E30/52,2)
31	1	=IF(F31=1,"Full time",IF(F31=0,"Not started","Part time"))	=ROUNDDOWN(E31/52,2)
32	1	=IF(F32=1,"Full time",IF(F32=0,"Not started","Part time"))	=ROUNDDOWN(E32/52,2)

Job type

=IF()	1
F17=1	1
,"Full time",	1
NESTED IF()	1
F17=0	1
,"Not started",	1
"Part time"	1

Weekly wage

=ROUNDDOWN(,2)	1
E17/52	1

D:\CIE\0417\2016\2016_06_0417_32\worked\1632sheet_worked.xlsx

	F	G	H
33	0.8	=IF(F33=1,"Full time",IF(F33=0,"Not started","Part time"))	=ROUNDDOWN(E33/52,2)
34	0.6	=IF(F34=1,"Full time",IF(F34=0,"Not started","Part time"))	=ROUNDDOWN(E34/52,2)
35	0.6	=IF(F35=1,"Full time",IF(F35=0,"Not started","Part time"))	=ROUNDDOWN(E35/52,2)
36	0.6	=IF(F36=1,"Full time",IF(F36=0,"Not started","Part time"))	=ROUNDDOWN(E36/52,2)
37	1	=IF(F37=1,"Full time",IF(F37=0,"Not started","Part time"))	=ROUNDDOWN(E37/52,2)
38	1	=IF(F38=1,"Full time",IF(F38=0,"Not started","Part time"))	=ROUNDDOWN(E38/52,2)
39	1	=IF(F39=1,"Full time",IF(F39=0,"Not started","Part time"))	=ROUNDDOWN(E39/52,2)
40	0.5	=IF(F40=1,"Full time",IF(F40=0,"Not started","Part time"))	=ROUNDDOWN(E40/52,2)
41	0.4	=IF(F41=1,"Full time",IF(F41=0,"Not started","Part time"))	=ROUNDDOWN(E41/52,2)
42	0.8	=IF(F42=1,"Full time",IF(F42=0,"Not started","Part time"))	=ROUNDDOWN(E42/52,2)
43	0.6	=IF(F43=1,"Full time",IF(F43=0,"Not started","Part time"))	=ROUNDDOWN(E43/52,2)
44	0.6	=IF(F44=1,"Full time",IF(F44=0,"Not started","Part time"))	=ROUNDDOWN(E44/52,2)
45	0.4	=IF(F45=1,"Full time",IF(F45=0,"Not started","Part time"))	=ROUNDDOWN(E45/52,2)
46	0	=IF(F46=1,"Full time",IF(F46=0,"Not started","Part time"))	=ROUNDDOWN(E46/52,2)
47	0	=IF(F47=1,"Full time",IF(F47=0,"Not started","Part time"))	=ROUNDDOWN(E47/52,2)
48		Weekly total	=SUM(H17:H47)

Weekly total
=SUM(H17:H47) 1

Replication All 4 formulae	1
Row and column headings present	1
Landscape and fully visible	1
Footer – Automated filename with file path on left	1

D:\CIE\0417\2016\2016_06_0417_32\worked\1632sheet_worked.xlsx

Question 15

Pay grade table							
Pay grade	*Pay rate*						
A1	₹ 20,000.00						
A2	₹ 18,500.00						
B1	₹ 17,750.00						
B2	₹ 17,250.00						
B3	₹ 16,500.00						
C1	₹ 16,100.00						
C2	₹ 15,400.00						
C3	₹ 14,350.00						
D1	₹ 8,000.00						
D2	₹ 7,400.00						

A14-H14	Merged	1
Font	Serif centre aligned	1
	Black 24pt	1
	Text 100% correct	1
Rows 1,2,15,16	Bold and Italic	1

Goa Elephant Sanctuary

Weekly wage table							
Name	*Pay grade*	*Job code*	*Job description*	*Annual salary*	*Works*	*Job type*	*Weekly wage*
Abhay Sharma	A1	SD	Sanctuary Director	₹ 20,000.00	1	Full time	₹ 384.61
Manish Kapoor	B2	AD	Administrator	₹ 17,250.00	1	Full time	₹ 331.73
Surjan Malik	B2	PG	Park guardian	₹ 17,250.00	1	Full time	₹ 331.73
Arnav Nair	B2	SE	Security	₹ 17,250.00	1	Full time	₹ 331.73
Prabir Das	C1	HA	Handyman	₹ 16,100.00	1	Full time	₹ 309.61
Rajul Venkatesan	C1	MA	Mahout	₹ 16,100.00	1	Full time	₹ 309.61
Parees Balasubramanium	C1	OS	Overseas salesperson	₹ 16,100.00	1	Full time	₹ 309.61
Lalit Sharma	C2	HA	Handyman	₹ 15,400.00	1	Full time	₹ 296.15
Ameya Dasgupta	C2	MA	Mahout	₹ 15,400.00	1	Full time	₹ 296.15
Pravar Subramanium	C2	SH	Shopworker	₹ 15,400.00	1	Full time	₹ 296.15
Agni Singh	C3	GA	Gate admission	₹ 14,350.00	1	Full time	₹ 275.96
Krishna Dasgupta	C3	MA	Mahout	₹ 14,350.00	1	Full time	₹ 275.96
Nishar Sen	C3	MA	Mahout	₹ 14,350.00	1	Full time	₹ 275.96
Ojas Mukopadhyay	C3	MA	Mahout	₹ 14,350.00	1	Full time	₹ 275.96
Ajeet Banerjee	C3	SE	Security	₹ 14,350.00	1	Full time	₹ 275.96
Induj Bose	C3	ST	Stable hand	₹ 14,350.00	1	Full time	₹ 275.96
Neela Gupta	C1	TG	Tour guide/sales	₹ 12,880.00	0.8	Part time	₹ 247.69
Kunala Bose	A2	FD	Finance officer	₹ 11,100.00	0.6	Part time	₹ 213.46
Nalin Jayaraman	C2	TG	Tour guide/sales	₹ 9,240.00	0.6	Part time	₹ 177.69
Manju Chattopadhyay	C3	SH	Shopworker	₹ 8,610.00	0.6	Part time	₹ 165.57
Ojam Chatterjee	D1	AM	Apprentice Mahout	₹ 8,000.00	1	Full time	₹ 153.84
Narmad Rao	D1	SH	Shopworker	₹ 8,000.00	1	Full time	₹ 153.84
Lal Saxena	D2	ST	Stable hand	₹ 7,400.00	1	Full time	₹ 142.30
Nadeen Sengupta	C3	MA	Mahout	₹ 7,175.00	0.5	Part time	₹ 137.98
Hemadri Pillai	C1	TG	Tour guide/sales	₹ 6,440.00	0.4	Part time	₹ 123.84
Vinayak Rangarajan	D1	AM	Apprentice Mahout	₹ 6,400.00	0.8	Part time	₹ 123.07
Lata Se	D2	AA	Administrative assistant	₹ 4,440.00	0.6	Part time	₹ 85.38
Arya Chattopadhyay	D2	AN	Animal assistant	₹ 4,440.00	0.6	Part time	₹ 85.38
Prajit Banerjee	D1	AM	Apprentice Mahout	₹ 3,200.00	0.4	Part time	₹ 61.53
Orrjit Dutta	D2	AN	Animal assistant	₹ 0.00	0	Not started	₹ 0.00
Rujul Rangan	C3	MA	Mahout	₹ 0.00	0	Not started	₹ 0.00
						Weekly total	₹ 6,724.41

Format	Pay rate, annual salary, weekly wage in rupees 2dp	1
Printout	single page and fully visible	1
Sorted	Descending by Annual salary	1
	Then ascending by Job description	1

D:\CIE\0417\2016\2016_06_0417_32\worked\1632sheet_worked.xlsx

Question 17

Pay grade table

Pay grade	*Pay rate*
A1	₹20,000.00
A2	₹18,500.00
B1	₹17,750.00
B2	₹17,250.00
B3	₹16,500.00
C1	₹16,100.00
C2	₹15,400.00
C3	₹14,350.00
D1	₹8,000.00
D2	₹7,400.00

Goa Elephant Sanctuary

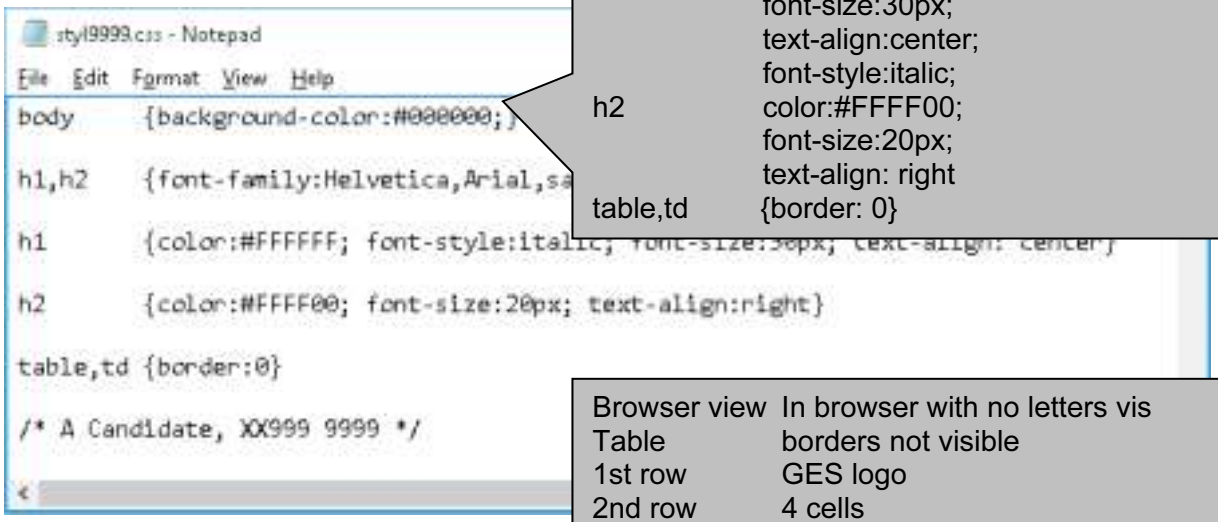
Weekly wage table

Name	*Pay grade*	*Job code*	*Job description*	*Annual salary*	*Works*	*Job type*	*Weekly wage*
Abhay Sharma	A1	SD	Sanctuary Director	₹20,000.00	1	Full time	₹384.61
Manish Kapoor	B2	AD	Administrator	₹17,250.00	1	Full time	₹331.73
Surjan Malik	B2	PG	Park guardian	₹17,250.00	1	Full time	₹331.73
Arnav Nair	B2	SE	Security	₹17,250.00	1	Full time	₹331.73
Prabir Das	C1	HA	Handyman	₹16,100.00	1	Full time	₹309.61
Rajul Venkatesan	C1	MA	Mahout	₹16,100.00	1	Full time	₹309.61
Parees Balasubramanium	C1	OS	Overseas salesperson	₹16,100.00	1	Full time	₹309.61
Lalit Sharma	C2	HA	Handyman	₹15,400.00	1	Full time	₹296.15
Ameya Dasgupta	C2	MA	Mahout	₹15,400.00	1	Full time	₹296.15
Pravar Subramanium	C2	SH	Shopworker	₹12,320.00	0.8	Part time	₹236.92
Agni Singh	C3	GA	Gate admission	₹14,350.00	1	Full time	₹275.96
Krishna Dasgupta	C3	MA	Mahout	₹14,350.00	1	Full time	₹275.96
Nishar Sen	C3	MA	Mahout	₹14,350.00	1	Full time	₹275.96
Ojas Mukopadhyay	C3	MA	Mahout	₹14,350.00	1	Full time	₹275.96
Ajeet Banerjee	C3	SE	Security	₹14,350.00	1	Full time	₹275.96
Induj Bose	C3	ST	Stable hand	₹14,350.00	1	Full time	₹275.96
Neela Gupta	C1	TG	Tour guide/sales	₹12,880.00	0.8	Part time	₹247.69
Kunala Bose	A2	FD	Finance officer	₹11,100.00	0.6	Part time	₹213.46
Nalin Jayaraman	C2	TG	Tour guide/sales	₹9,240.00	0.6	Part time	₹177.69
Manju Chattopadhyay	C3	SH	Shopworker	₹8,610.00	0.6	Part time	₹165.57
Ojam Chatterjee	D1	AM	Apprentice Mahout	₹8,000.00	1	Full time	₹153.84
Narmad Rao	D1	SH	Shopworker	₹8,000.00	1	Full time	₹153.84
Lal Saxena	D2	ST	Stable hand	₹7,400.00	1	Full time	₹142.30
Nadeen Sengupta	C3	MA	Mahout	₹7,175.00	0.5	Part time	₹137.98
Hemadri Pillai	C1	TG	Tour guide/sales	₹6,440.00	0.4	Part time	₹123.84
Vinayak Rangarajan	D1	AM	Apprentice Mahout	₹6,400.00	0.8	Part time	₹123.07
Lata Se	D2	AA	Administrative assistant	₹4,440.00	0.6	Part time	₹85.38
Arya Chattopadhyay	D2	AN	Animal assistant	₹4,440.00	0.6	Part time	₹85.38
Prajit Banerjee	D1	AM	Apprentice Mahout	₹3,200.00	0.4	Part time	₹61.53
Orrjit Dutta	D2	AN	Animal assistant	₹4,440.00	0.6	Part time	₹85.38
Rujul Rangan	C3	MA	Mahout	₹14,350.00	1	Full time	₹275.96
						Weekly total	₹7,026.52

Data edit	2 for 3 changes and 1 for 2	2
Printout	Correct total only – 7026.52	1

Evidence document

Question 25



body	{background-color:#000000}	1
h1,h2	Helvetica	1
	, Arial, sans-serif	1
h1	color: #FFFFFF;	1
	font-size:30px;	1
	text-align:center;	1
	font-style:italic;	1
h2	color:#FFFF00;	1
	font-size:20px;	1
	text-align: right	1
table,td	{border: 0}	1

Question 26

Browser view	In browser with no letters vis	1
Table	borders not visible	1
1st row	GES logo	1
2nd row	4 cells	1
	Images as shown	
	(4 correct for 2 marks, 3 for 1)	2
3rd row	Text 100% correct	1
	in h1	1
4th row	Updated by: <cand details>	1
	in h2	1

```
<!DOCTYPE html>
<html>
   <head>
      <link rel="stylesheet" type="text/css" href="styl9999.css">
      <title>GES web page</title>
   </head>
   <body>
      <table style="margin-left:auto; margin-right:auto;">
      <tr style="height:172px;">
         <td colspan=4 style="width:736px;"><img src="1632logo.jpg"
style="width:730px" alt="Goa Elephant Sanctuary logo">
         </td>
      </tr>
      <tr style="height:140px;">
         <td style="width:184px;">
            <img src="1632img2.jpg" alt="Image of elephant in river">
         </td>
         <td style="width:184px;">
            <img src="1632img7.jpg" alt="Image of elephant ride">
         </td>
         <td style="width:184px;">
            <img src="1632img6.jpg" alt="Image of jungle stream">
         </td>
         <td style="width:184px;">
            <img src="1632img8.jpg" alt="Image of tranquil garden">
         </td>
      </tr>
      <tr style="height:140px;">
         <td>
            <h1>Elephant bath time</h1>
         </td>
         <td>
            <h1>Elephant rides</h1>
         </td>
         <td>
            <h1>Trek up a jungle stream</h1>
         </td>
         <td>
            <h1>Chill out in our tranquil gardens</h1>
         </td>
      </tr>
      <tr style="height:140px;">
         <td colspan=4><h2>Updated by: A Candidate, ZZ999, 9999</h2>
      </tr>
      </table>
   </body>
</html>
```

Stylesheet styl <& cand no>.css attached 1

Table centre aligned in the window 1

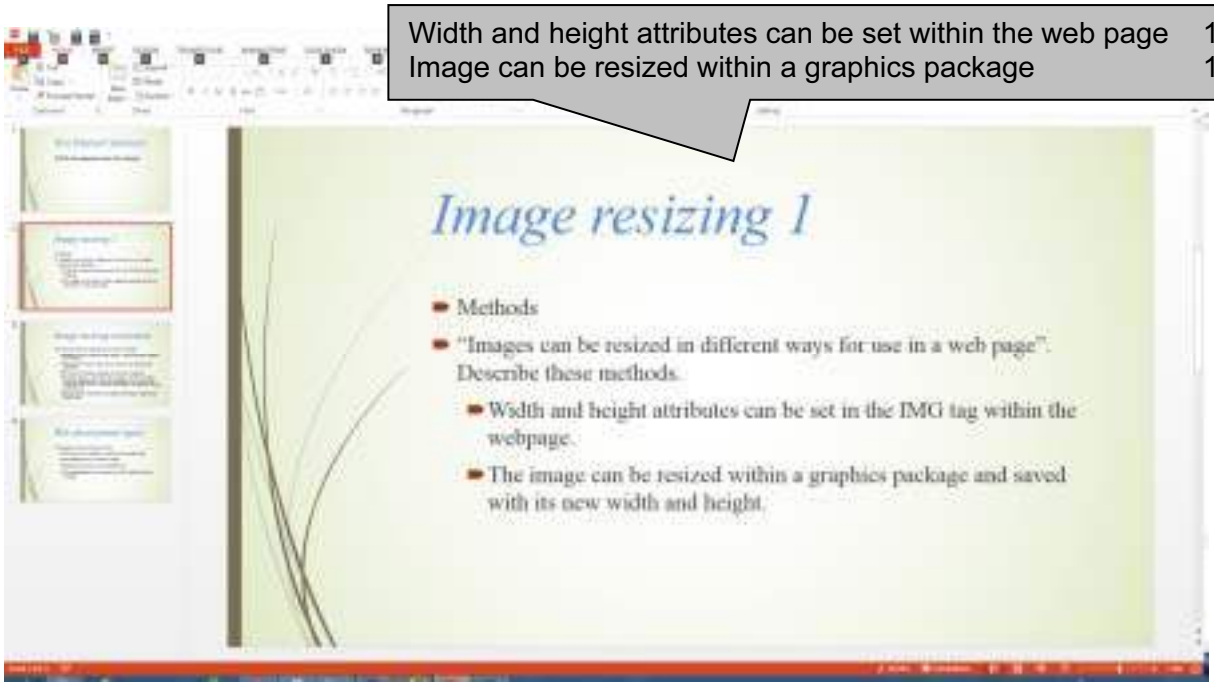
Row height 172 1

Table width 736 1
Logo image Resized to 730 wide and aspect ratio maintained 1
Rows 1 and 4 Colspan=4 1

Rows 2, 3, and 4 x height 140 1
Rows 2 or 3 **td** width 184 1

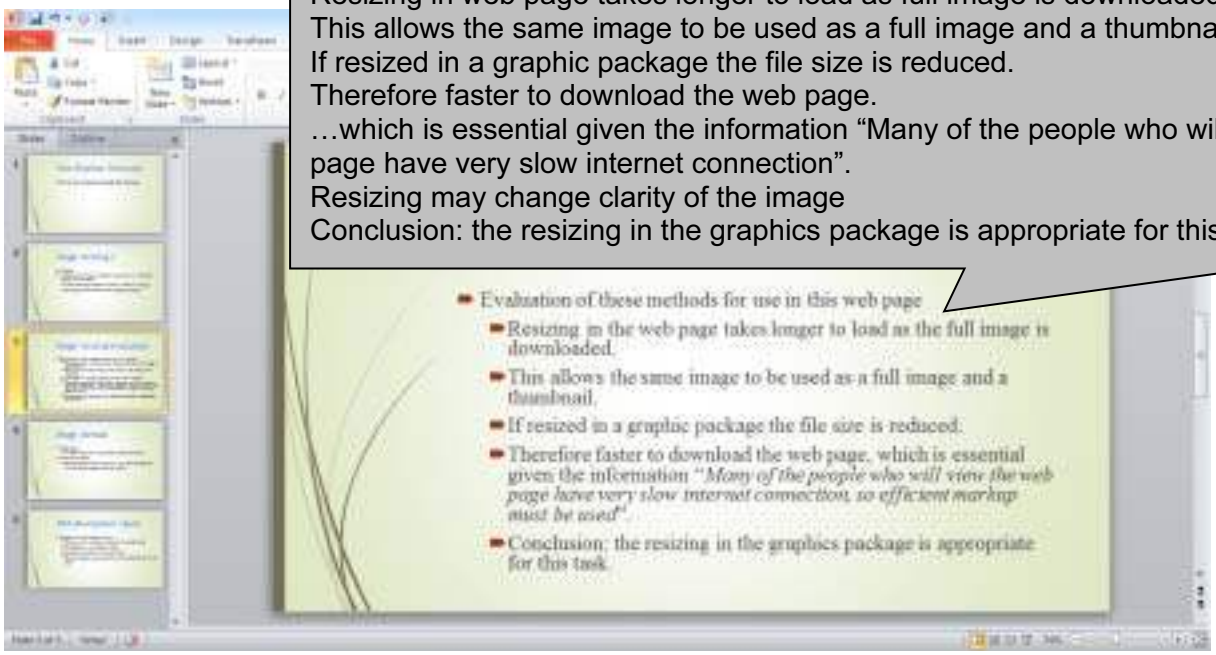
Alt attribute appropriate alt text for all 5 images 1

Question 27



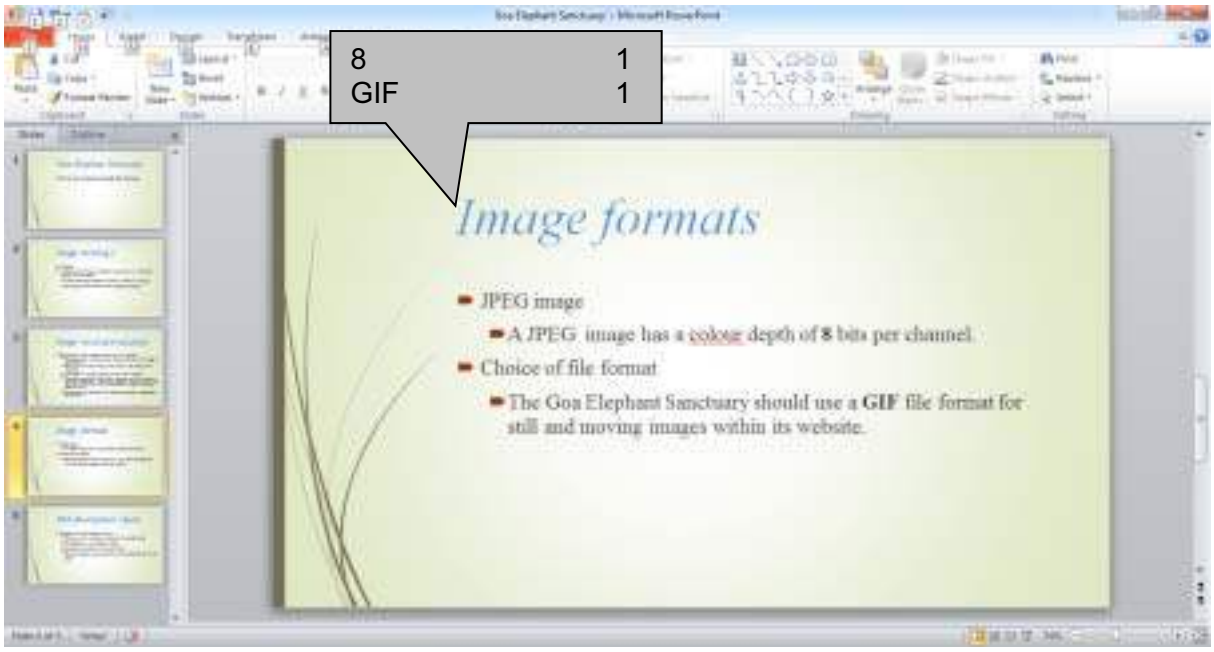
Width and height attributes can be set within the web page 1
Image can be resized within a graphics package 1

Question 28



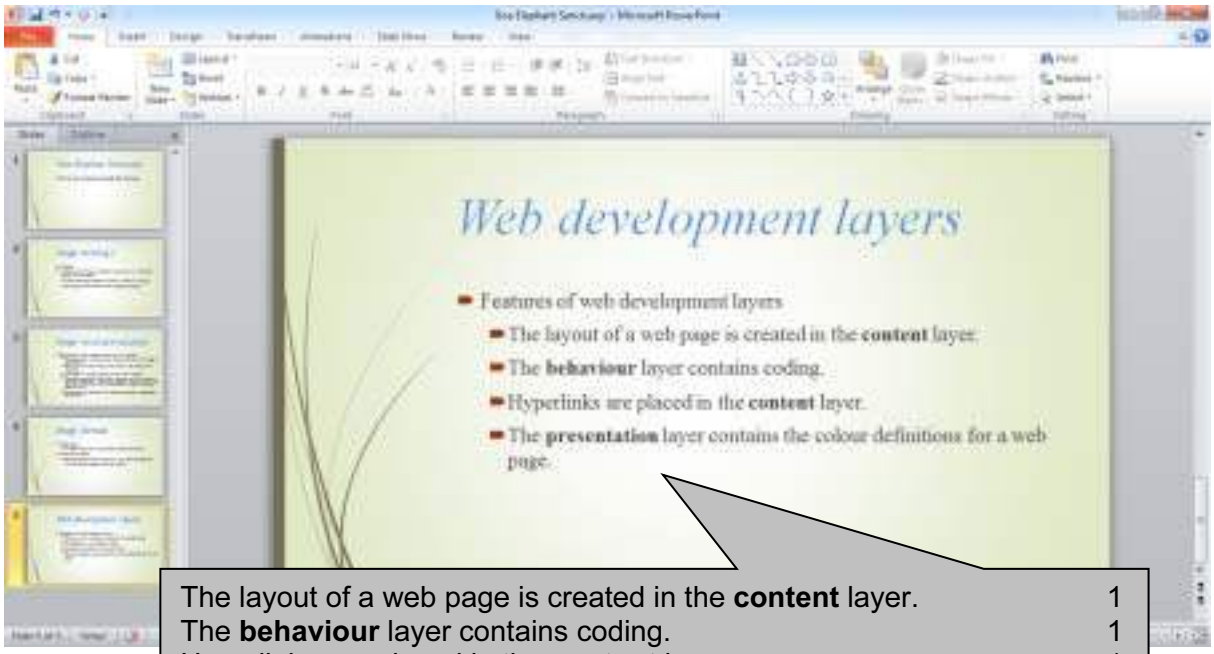
3 from:
Resizing in web page takes longer to load as full image is downloaded.
This allows the same image to be used as a full image and a thumbnail.
If resized in a graphic package the file size is reduced.
Therefore faster to download the web page.
…which is essential given the information "Many of the people who will view the web page have very slow internet connection".
Resizing may change clarity of the image Max 3
Conclusion: the resizing in the graphics package is appropriate for this task. 1

Question 29



8 1
GIF 1

Question 30



The layout of a web page is created in the **content** layer.	1
The **behaviour** layer contains coding.	1
Hyperlinks are placed in the **content** layer.	1
The **presentation** layer contains the colour definitions for a web page.	1