

Mark Scheme (Results)

November 2020

Pearson Edexcel International GCSE In Information and Commiuncation Technology (4IT1/02)

Paper 02: Practical Paper

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- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.
- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted. Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response

Task	Answer	Marks
	Section A	
A1	Graphics	
а	1. Lines or shapes (1)	1
	2. Include the company name or Lang (1) – ignore spelling	1
	Do not award the mark for line/shapes if image is not original.	
b	Image edited to:	
	1. Remove the tower from the image (1)	1
	2. Increase the size of the satellite dish (1) – must be obvious	1
	3. Top third of image cropped – see image (1)	1
	 Lang Getaways added to the image (1) – ignore spelling and award mark if the text is anywhere on the image. Do not accept Lang. 	1
	Cropped image	
	Original image.	
	Total for Task A1	6

A2	Database						
а	Data entry form:						
	1. Match the house	style (1) – logo position bottom centre	1				
	2. Suitable title with dark background and white text (1) – ignore spelling						
	3. Date included (1)		1				
b	Data entry via form:						
	Field name						
	Accommodation ref	L9					
	Accommodation type	Lodge					
	Accommodation name	Quiet Waters					
	Maximum guests	6					
	Accommodation rating	Gold					
	Location	Cornwall					
	Breakfast package	Yes					
	Diedklast package						
	Award 2 marks for 6 corre	act antrias	2				
	Award 1 mark for 3 corre						
	Award no marks for 0, 1 c	or 2 correct entries					
		a the forman annound formatic hear in the					
		n the form – award from table view.					
с	Sort alphabetical order of		1				
	(Cornwall down to Wiltsh	ire)	1				
d	0						
u	Query:						
	Field: Accommodation type Maximum guests Table: Accommodation Accommodation	Accommodation name Location Accommodation.* Bookings.* Number of days bod Accommodation Accommodation Bookings Bookings					
	Sort: Show:						
	Criteria: "Yurt"	"Comwall" -3					
	Correct criteria: - Yurt, 3 i	aights Corpual					
	1 8.2 Award 2 marks for	all 3 correct criteria – Bookings and Accommodation tables					
	Award 1 mark for		1				
		or 0 or 1 correct criteria	1				
	AWdru no marks n						
	Result of Query:						
	Accommodation ref 🝷 N	Maximum guests 👻 Accommodation name 📲					
	Y5	2 Tranquility					
	Y8	2 Rest Easy					
	Y2	6 Peace					
	 Correct fields onl name (1) 	y – Accommodation ref, Maximum guests, Accommodation	1				
			1				
	4. Fields in correct of	order (1)					

5. Accommodation name - sorted in descending order (1)	
--	--

			Total for Task A2	26
vi)	<i>Identify</i> one fore Accommodation Member ref		e linked tables - accept first response only	1
v)	<i>Give one reason data</i> To prevent dupli To reduce errors	cate records	are linked together with a relationship before entering s being entered	1
iv)	To make a comp	arison with s	y may require a logical operator something else within the query	1
	A user could cho which could resu		elect from the list and type in anything they wanted (1) 1)	
ii)	Lookup property.	ncluded (1) l	uld occur if the 'Limit to List' had a value of No in the because a user could choose not to select from the list anted (1)	2
ii)	Gender		<i>ie a lookup</i> - accept first response only	1
	Postcode			1
(i)	-	nat would us	e a format check tables - accept first response only	
	8. Correct s	spelling (rep	ort title) and fit on one page (1) – ignore apostrophe	1
	7. Caravan	2 or original	l Caravan image added (1)	1
	6. Descend (1)	ing order of	Accommodation ref – Ian Pugh down to Simon Edwards	1
		cation (1)		1
	4. Shows o	nly MEMBE	R NAME, MEMBER REF and EMAIL in that order (1)	1
	3. Correct 2	10 records (1	1)	1
	2. Logo - p	osition - bot	tom centre (1)	1
	1. Suitable	title - refere	ence to e-letter, Shepherd's Hut and Caravan (1)	1
	Tom Greening Simon Edwards	GR23 ED12	greening89@fortran.net sedw@chat.com	
	Morgan Howells Julia Harding	HO05 HA02	morgan21@chat.com julesharding@fortran.net	
	Aled Owen Clare Marshall	OW29 MA12	aledowen@chat.com clarem@fortran.net	
	Matthew Parry	PA14	parrym@talk.net	
	Sally Phillips Peter Perrin	PH08 PE05	phillipss@virgin.net peterp@talk.net	
	Ian Pugh	PU24	pughian@chat.com	
	Member name	Member re	ef 🛨 Email 🛨	

	Presentation					
a (i)	Master slide edits:					
	1. Sans serif font for company name (1)	1				
	2. Title area – dark background colour (1) – do not award if whole slide					
	has a dark background.					
	3. Title text colour – white (1)					
(ii)	Logo added – bottom centre (1)					
(iii)	Footer changes on master slide:					
	1. Centre section – Created by and name (1)	1				
	2. Right section – slide number (1)	1				
	3. Footer showing on all slides apart from title slide (1)	1				
b (i)	<i>Title slide:</i> Enhanced text – 'Follow the links to find out more.'					
(ii)	Title slide links:					
. /	Correct placement of 3 links on title slide – aligned beneath text box and above logo (1) Title slide Other slides	1				
. /	logo (1) Title slide Other slides	1				
	logo (1) Title slide Other slides LANG GETAWAYS Slide Title Do you want to know what is happening for future holidays? Image to illustrate text Follow the links to find out more. Slide text entered using bullet points	1				
	logo (1) Title slide Other slides LANG GETAWAYS Slide Title Do you want to know what is happening for future holidays? Image to illustrate text Follow the links to find out more. Slide text entered using bullet points	1				
(,	LANG GETAWAYS Other slides Do you want to know what is happening for future holidays? Slide Title Follow the links to find out more. Image to illustrate text Link Link Link Link to home	1				
	logo (1) Title slide Other slides LANG GETAWAYS Slide Title Do you want to know what is happening for future holidays? Image to illustrate text Slide text entered using bullet points Follow the links to find out more. Link to home slide Link to cogo Link Link Link Design followed for other slides: Design followed for other slides:					
	logo (1) Title slide Other slides LANG GETAWAYS Slide Title Do you want to know what is happening for future holidays? Image to illustrate text Slide text entered using bullet points Follow the links to find out more. Link Link LOGO Link to home slide Link to	1				
	logo (1) Title slide Other slides LANG GETAWAYS Slide Title Do you want to know what is happening for future holidays? Image to illustrate text Slide text entered using bullet points Follow the links to find out more. Link to home slide Link to cogo Link Link Link Design followed for other slides: Design followed for other slides:					
	Iogo (1) Title slide Other slides LANG GETAWAYS Slide Title Slide text Do you want to know what is happening for future holidays? Slide text entered using bullet points Follow the links to find out more. Link Link Link to home slide Link to slide Link Link Link Slide Link to home slide LOGO Slide LOGO Link to home slide Slide LOGO Slide LOGO	1				

cHandouts print – two slides per A4 sheet (2 sheets in total)A3 d (i)Give one reason why Lucia has used speaker notesSo that she could just use bullets and use the notes for additional information To save including all the information on the slides – would be too much(ii)Describe how one other feature of presentation software can enhance the presentation.Award a mark if they have included something that enhances the presentation 1 mark for identifying the feature (1) then the second mark for describing how it would enhance (1)Do not accept speaker notes or hyperlinks.	1	v) At least one working link is included – mark from screenshot
 d (i) So that she could just use bullets and use the notes for additional information To save including all the information on the slides – would be too much (ii) Describe how one other feature of presentation software can enhance the presentation. Award a mark if they have included something that enhances the presentation 1 mark for identifying the feature (1) then the second mark for describing how it would enhance (1) Do not accept speaker notes or hyperlinks. 	1	Handouts print – two slides per A4 sheet (2 sheets in total)
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 presentation. Award a mark if they have included something that enhances the presentation 1 mark for identifying the feature (1) then the second mark for describing how it would enhance (1) Do not accept speaker notes or hyperlinks. 	1	So that she could just use bullets and use the notes for additional information
1 mark for identifying the feature (1) then the second mark for describing how it would enhance (1) Do not accept speaker notes or hyperlinks.		
it would enhance (1) Do not accept speaker notes or hyperlinks.		Award a mark if they have included something that enhances the presentation
	2	
		Do not accept speaker notes or hyperlinks.
Total for Task A3	18	Total for Task A3
Total for SECTION A	50	Total for SECTION A

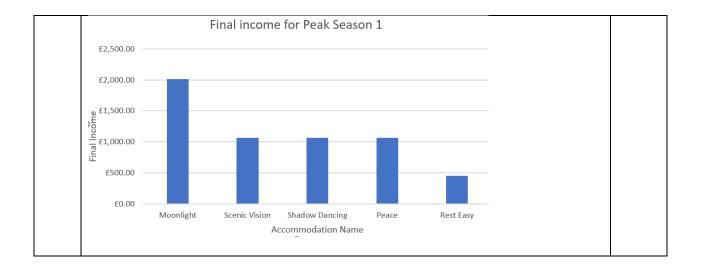
Spreadsheets									
		Α	В	С	D	E	F	G	н
	1			Book	ings in 2	2019			
				Cost per	Number of	Breakfast		Discount for	Ì
		Accommodation name	Season	night	nights	per stay	Income	early booking	Final income
		Moonlight	Peak Season 1	£150.00	· •		£2,240.00		¢
		River View	Mid Season 2	£80.00	· • • • • • • • • • • • • • • • • • • •		£616.00		¢
	_	Scenic Vision	Peak Season 1	£150.00			£1,120.00		÷
		Clover Meadow	Mid season 3	£70.00					\$
		River's Rest	Peak Season 3	£100.00	••		£1,540.00		ę
		Edging Closer	Mid Season 1	£100.00		••••••••••••••••••••••••••••••••••••	£324.00		å
		Relax a While Rest Easy	Low Season 1 Peak Season 1	£70.00					÷
	34	NCSLEDSY	Feak Season 1	£150.00	3	£10.00	£480.00	£24.00	£456.00
	36	Total number of bookings	32	•		•••••••			
	37	Total humber of bookings	52					•	
		Average cost per night	£98.44					•	
	39	inter age cost per ingrit							
		Total income for 2019	£27,506.60						
									_
s R	ides ow	es print - no mo of A4 inserted at the t ling - Bookings ii	top of the s		-	nulae p	rint – I	no more th	ian 3
s R H	ides ow lead	inserted at the t ing - Bookings i	top of the s n 2019	spreads	-	nulae p	rint — I	no more th	າan 3
s R H	ides ow lead	of A4 inserted at the t	top of the s n 2019	spreads	-	nulae p	rint — I	no more th	ıan 3
s R H	ides ow lead /ler	inserted at the t ing - Bookings i	top of the s n 2019 w 1 (A1:H2	spreads L)	heet				

	nctions .OOKUP	
	 Use of correct function =VLOOKUP() or =LOOKUP() for either Cost or Breakfast (1) 	1
	2. Use of correct lookup value (B3) for either Cost or Breakfast (1)	1
	 Use of correct table array (Details!A\$3:C\$11) / lookup vector (Details!A\$3:A\$11) for either Cost or Breakfast (1) 	1
	 Use of both correct column index numbers (2 and 3) OR use of both correct result vectors in Lookup (Details!B\$3:B\$11 and Details!C\$3:C\$11) (1) 	1
	amples:	
Br Co	<pre>ost per night =VLOOKUP(B3,Details!A\$3:C\$11,2,0) allow A3:B11 eakfast =VLOOKUP(B3,Details!A\$3:C\$11,3,0) ost per night =LOOKUP(B3,Details!A\$3:A\$11,Details!B\$3:B\$11) eakfast =LOOKUP(B3,Details!A\$3:A\$11,Details!B\$3:B\$11)</pre>	
Br Co Br	eakfast =VLOOKUP(B3,Details!A\$3:C\$11,3,0) ost per night =LOOKUP(B3,Details!A\$3:A\$11,Details!B\$3:B\$11) eakfast =LOOKUP(B3,Details!A\$3:A\$11,Details!C\$3:C\$11)	
Br Co Br All Ac	eakfast =VLOOKUP(B3,Details!A\$3:C\$11,3,0) ost per night =LOOKUP(B3,Details!A\$3:A\$11,Details!B\$3:B\$11)	
Br Cc Br All Ac All	eakfast =VLOOKUP(B3,Details!A\$3:C\$11,3,0) est per night =LOOKUP(B3,Details!A\$3:A\$11,Details!B\$3:B\$11) eakfast =LOOKUP(B3,Details!A\$3:A\$11,Details!C\$3:C\$11) low any other acceptable range – eg, A1:C11 ccept without use of absolute referencing	_
Br Cc Br All Ac All <i>Bc</i>	<pre>eakfast =VLOOKUP(B3,Details!A\$3:C\$11,3,0) est per night =LOOKUP(B3,Details!A\$3:A\$11,Details!B\$3:B\$11) eakfast =LOOKUP(B3,Details!A\$3:A\$11,Details!C\$3:C\$11) low any other acceptable range – eg, A1:C11 ccept without use of absolute referencing low named ranges and allow absence of final argument in VLOOKUP (,0) pokings made in 2019 (32): 5. =COUNTA</pre>	1

B1 b(ii)	 F3 – Income (including breakfast) £2240.00 – allow follow through (Cost per night * Number of nights) + (Number of nights * Breakfast per stay) 	1
	=(C3*D3)+(E3*D3) =(C3+E3)*D3	
	OR	
	=(C3*D3)+E3 - learners may have understood the Breakfast cost to be £10.00	
	for the complete stay – the Income will be £2110.00	
	 G3 – Discount for early bookings £224.00 or £211.00 =IF(F3>1300,F3*Details!\$B\$14,F3*Details!\$B\$15) 	1
	=IF(F3>1300, F3*Details!\$B\$14,F3*Details!\$B\$15)	1
	Details!\$B\$14, Details!\$B\$15)*F3	
	=IF(F3<1300, F3*Details!\$B\$15,F3*Details!\$B\$14)	
	Allow the use of 10% and 5% in place of Details!B14 and Details!B15 If *F3 is missing but has been used in H3 – allow the mark	
	3. H3 – Final income £2016.00 or £1899.00 =F3-G3	1
	If the 'if' statement does not include *F3 – allow F3-(F3*G3)	
(iii)	Replicate functions and formulae for all bookings - any one column	1
(iv)	1. Average cost per night £98.44	
	=AVERAGE(C3:C34) – allow in any cell between B36 and H40	1
	 Total income for 2019 £27,506.60 or £25,661.05 =SUM(H3:H34) – allow in any cell between B36 and H40 	1
с	Spreadsheet formatting:	
	1. Currency showing £ with 2dp (any one column)	1
	2. Headings wrapped to use space efficiently – Row 2	1
	 All data visible – cell contents, column headings (if Accommodation Name has been wrapped, check cell contents – Total Number of Bookings) 	1

4. Gridlines displayed	1
Total for task B1	22

2 (i)		ered to show accom conlight down to Res		Peak Seasor	n – 16 records	1	
i)	Dis	play Accommodation	n name, Seas	on and Final	income only:	1	
		A	В	Н			
	1		gs in 201	1			
	2	Accommodation nan 🔻	Season 🖛	Final incon 🔻			
	3	Moonlight	Peak Season 1	£2,016.00			
	5	Scenic Vision	Peak Season 1				
	7	River's Rest	Peak Season 3				
	8	Mountain Trail	Peak Season 2				
	11	Meadow View	Peak Season 2	£1,638.00			
	13	Wilderness	Peak Season 3	8			
	15	Beach Retreat	Peak Season 2	£1,235.00			
	17	Free Spirit	Peak Season 3	Contraction of the second second second			
		Sheep's Clover	Peak Season 2				
		Shadow Dancing	Peak Season 1				
	22	Silver Flame	Peak Season 3	£313.50			
	25	Shady Nook	Peak Season 2	£1,638.00			
		Peace	Peak Season 1				
	29	Calm	Peak Season 3	£1,045.00			
	31	Tranquility	Peak Season 3				
		Rest Easy	Peak Season 1				
		1					
	-				Total for Task B2	2	
3	Chart Allow follow through from candidates' totals in their spreadsheet task. 1. Suitable chart that is fit for purpose (bar) - correct data, clear to read,						
			•		w legend but must have labels	1	
	2. Title – must include reference to Peak Season 1						
		3. Axes labels – Ac	commodatio	n Name and I	Final Income		



B3 b	Display only accommodation name and final income	1
5	АН	
	1 Bookings in 2019	
	2 Accommodation nan - Final incon -	
	3 Moonlight £2,016.00	
	5 Scenic Vision £1,064.00	
	21 Shadow Dancing £1,064.00	
	28 Peace £1,064.00	
	34 Rest Easy £456.00	
	25	
	Award the mark if all rows are included rather than just the filtered results	
c(i)	<i>Explain one advantage of using the SUM function in a spreadsheet</i> An explanation such as:	
	To speed up the process/efficient (1) because you don't need to individually key in the cell references (1)	2
	OR	
	Reduces errors (1) as you do not have to key in individual cell references (1)	
(ii)	A COUNTIF function could be used with the values for Season State how the results of this function could be useful to Lucia	
	State now the results of this function could be aseful to Each	
	She can see how many bookings she has in each season	1
(iii)	State the purpose of a chart legend	
	To identify data when there is more than one set of data	1
	Total for Task B3	8

B4	Word processing	
	1. Any of the text provided is placed in two columns (of any size) (1)	1
	 Use of bullets for the words 'Gold, Silver, Bronze' in accommodation section (can be anywhere on the page) (1) 	1
	 Correct contrast for Newsletter No.1 text box – light text on a dark background OR Correct contrast for first row in table – light text on a dark background (1) 	1
	 4. Use of a sans-serif font for one of: Newsletter heading Accommodation heading Newsletter No.1 / August 2020 (1) 	1
	 Use of text wrap to wrap some of the provided text around any image (text doesn't have to be in two columns) (1) 	1
	 6. Table included that has: two columns (any number of rows) and some of the provided information First row of table merged to span two columns (1) 	1
	 Newsletter heading included – must be an appropriate size for a heading (1) 	1
	 8. Include one image (can be distorted) from: Stone Cottage Narrowboat 1, 2 or 3 Caravan or Caravan 2 (1) 	1
	 Two horizontal lines included (any colour or weight) for the Newsletter heading (1) 	1
	10. Three overlapping circles (can be distorted) included (anywhere on page) that are different shades (1)	1
	 The Newsletter No.1 text is on top of Stone Cottage image (accept any image and does not require August 2020 text) (1) 	1
	 12. Newsletter is fit for audience and purpose, consider: Provided information is included – appropriate amount of text in page columns and 6 rows in the table Page layout: information is accessible Suitable hierarchy in layout e.g. size of images, headings and subheadings Appropriate colour scheme/shading (if B&W) Images not overly distorted (1) 	1

B4	Comment on your newsletter and how it compares to Lucia's design	
b (i)	Allow any suitable comparison (1) then a comment on how it compares (1)	2
(ii)	Lucia wants to create a letter to send to customers	
	Explain one benefit to Lucia of using mail merge to do this	
	Fewer errors/saves time (1) because the letter is only created once and sent to everyone (1)	2
(iii)	Give one reason why standard conventions, such as salutation, are used when writing letters	
	Any one from:	
	consistent layout	1
	more formal/standard	
	ensure all information is included	
(iv)	State one reason why it is important to use sensible filenames when saving files	
	Any one from:	
	easier to find the file later	1
	easier for someone else to find the file	
	Total for Task B4	18
	Total for SECTION B	50
	Total for paper	100