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Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

NATIONAL SENIOR CERTIFICATE

GRADE 12

COMPUTER APPLICATIONS TECHNOLOGY P1

FEBRUARY/MARCH 2018

MARKING GUIDELINES

MARKS: 180

CENTRE NUMBER					FINA	AL MARK		
EXAMINATION							<u> </u>	
NUMBER								
QUESTION	1	2	3	4	5	6	7	TOTAL
POSSIBLE MARK	28	22	26	24	40	20	20	180
MARKER								
sм								
СМ								
IM/EM								

These marking guidelines consist of 14 pages.

FXAMINATION							
NIIMBED							
HOMBEK							

IGNORE SPELLING IN ALL CASES WHERE IT WOULD NOT HAVE ANY IMPACT ON THE ANSWER.

QUESTION 1 File name: 1Pat Total Q1: 28

QUES	TION 1 File name: 1Pat			-	Total Q1: 28
No.	Criteria	M	aximu Mark		Candidate Mark
1.1	 Font and alignment More than half of document's font size changed to 12 ✓ More than half of document's alignment changed to justified ✓ 	1		2	
1.2	 WordArt Heading changed to any WordArt ✓ Text filled with any green colour ✓ (mark from WordArt settings, accept green gradient fill) Text outline set to 3 pt ✓ (mark from WordArt settings) 	1 1		3	
1.3	Find and replace Symbols '媚' replaced ✓ With 'fi' ✓ (ignore quotation marks) greplacements made ✓	1 1 1		3	
1.4	 Citation Any citation inserted ✓ on the text Citation refers to website source ✓ Only the title displayed ✓ 	1 1 1		3	
1.5	Footnote • Footnote inserted on text 'soda bread' ✓ • Custom mark is '♣' symbol ✓ • Footnote text entered ✓ ('Bread without yeast')	1 1 1		3	
1.6	 Bullets Image 1StPat used as bullet ✓ Bullet position 0.5 cm from margin ✓ Text indent 2 cm from bullet ✓ 	1 1 1		3	
1.7	 Table Table with 2 columns inserted ✓ First column width changed to 3 cm ✓ (allocate mark for column instead of table) Paragraph setting 'Keep with next' applied (or first two rows) ✓ (accept Paragraph setting 'Page break before') 	1 1		3	

EXAMINATION							
NUMBER							

1.8	 Heading 1 style Font changed to small caps ✓ in green ✓ Paragraph spacing 'after' set to 12 pt ✓ All 4 changes automatically applied ✓ 	2 1 1	4	
1.9	Synonym • Word 'celebrations' replaced by any word from list (revels, revelries, merriments, festivities, partying, carousing, parties, fetes) ✓	1	1	
1.10	 Linked object Link to 1Luck image file inserted ✓ (Alt+F9, accept hyperlink) Appears as an icon ✓ 	1	2	
1.11	 Date and format Format of date changed to dd MMM yyyy ✓ 	1	1	
	Total for QUESTION 1		[28]	

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EXAMINATION							
NUMBER							

QUESTION 2 File name: 2Place Total Q2: 22

QUE	STION 2 File name: 2Place			ı otai G	<u> </u>
No.	Criteria	M	laxim Mark		Candidate Mark
2.1	 Table of contents Automatic table of contents inserted ✓ Displays only one level ✓ (no Bibliography/Table of figures) Style of second heading changed to 'Heading 1' ✓ '2. The leaning tower of Pisa, Italy' appears in the table of contents ✓ 	1 1 1		4	
2.2	 Crop and format picture Picture cropped OR colour changed to black ✓ Any shadow effect added to the picture ✓ 	1		2	
2.3	 Caption and comment (Picture below 6. Selfridges) Figure caption added to picture ✓ Caption text 'Photograph by Nala Rewop' ✓ Comment deleted ✓ 	1 1 1		3	
2.4	 Orientation Any/All pages appear in landscape orientation ✓ Only selected text in landscape orientation ✓ Text entered in any footer ✓ ('Table mountain') on specific page only ✓ 	1 1 1 1		4	
2.5	 Bookmark and hyperlink Hyperlink inserted on 'Day' ✓ Hyperlink linked to bookmark March ✓ 	1		2	
2.6	 Sources and bibliography 'Month Accessed' changed to July ✓ ('History' source) Source 'Tourism Ireland announces Global Greening line-up for St Patrick's Day' removed ✓ Bibliography updated ✓ (see 'Big Becky') 	1 1 1		3	
2.7	 Table of figures Automatic table of figures inserted ✓ Labels and figure numbers excluded ✓ 	1		2	
2.8	 NumWords field Number of words field inserted ✓ (NumWords) Total number of words shown ✓ (Note to marker: Number of words may differ depending on what was done previously in the question. Accept any number between 1075 and 1150.) 	1 1		2	
	Total for QUESTION 2			[22]	

QUESTION 3 File name: 3Cost Total Q3: 26

EXAMINATION							
NUMBER							

- Mark the questions from the formulae and not the values/answers in the cell.
- Check against candidate's actual work (Cell references may differ, depending on the candidate's response).
- Candidate may use multiple formulae or cells as 'building blocks' to reach answers.
- Named ranges can be used instead of cell references.
- The answers must still be correct even if changes are made to the existing data.

No.	Criteria	N	laxim Marl		Candidate Mark
-	ding worksheet : Sort the worksheet on column B before marking.	·			
3.1	Cell A1: ■ Data vertically centred ✓	1		1	
3.2	 Page setup: Left margin set to 2 cm ✓ Worksheet horizontally centred on page ✓ Row 2 set to repeat on top of pages ✓ 	1 1 1		3	
3.3	Column A: • All or some identifying codes continued ✓	1		1	
3.4	Cell H3: =G3*\$I\$1 • G3 ✓ • * ✓ • I1 ✓ (OR \$I\$1) • Displays in South African currency ✓ • Absolute cell reference used ✓	1 1 1 1		5	

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EXAMINATION							
NUMBER							

3.5	Cell I4: =IF(D4="Wear Green", IF(E4="Accessories", "Green"," ")," ")		6	
	OR =IF(E4="Accessories", IF(D4="Wear Green", "Green"," ")," ")			
	OR =IF(D4<>"Wear Green", " ", IF(E4="Accessories", "Green", " "))			
	OR =IF(AND(D4="Wear Green", E4="Accessories"),"Green"," ")			
	 Nested IF/IF function used ✓ Criteria 1: "Wear Green" ✓ Criteria 2: "Accessories" ✓ Correct result for both criteria being met: "Green" ✓ 	1 1 1		
	 Correct result if either/both criteria not being met: " " ✓ Nested IF constructed correctly ✓ (OR IF/AND used correctly) 	1		
3.6	Cell M3: =AVERAGE(G3:G102) OR =AVERAGE (G:G)		2	
	 AVERAGE function ✓ Range: (G3:G102) ✓ 	1 1		
3.7	Cell M4: =SUMIF(E3:E102,"Snacks", G3:G102) OR =SUMIF(E:E,"Snacks","G:G) OR		4	
	=SUMIFS(G3:G102, E3:E102, "Snacks")			
	SUMIF(S) function ✓ Criteria range: E3:E103 ✓	1		
	 Criteria range: E3:E102 ✓ Criteria: "Snacks" ✓ Sum range:G3:G102 ✓ 	1 1		
3.8	Cell M5: =COUNTIF(D3:D102,"*party*")		2	
	Criteria: * ✓ party* ✓	2		

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HOMBEK							

Greei	n worksheet			
3.9	 Filter and copy to new worksheet Filtered/sorted on column F ✓ Filtered/sorted data ('online') displayed in Green worksheet ✓ (15 items expected) 	1	2	
	Total for QUESTION 3		[26]	

EXAMINATION							
NUMBER							

QUESTION 4 File name: 4Dublin Total Q4: 24

- Mark the questions from the formulae and not the values/answers in the cell.
- Check against candidate's actual work (Cell references may differ, depending on the candidate's response).
- Candidate may use multiple formulae or cells as 'building blocks' to reach answers.
- Named ranges can be used instead of cell references.
- The answers must still be correct even if changes are made to the existing data.

No.	Criteria	N	/laxim Mar		Candidate Mark
List w	orksheet				
4.1	Cell E3: =D3-C3 OR =DAYS(D3,C3) OR =DAYS360(D3,C3) OR =DAY(D3)-DAY(C3) • D3 OR DAYS OR DAYS360 ✓ • -C3 OR (D3,C3) ✓	1 1		2	
4.2	Cell H4: =VLOOKUP(G4,Codes!\$A\$2:\$B\$10,2) OR =VLOOKUP(G4,Codes!\$A\$1:\$B\$10,2) OR =LOOKUP(G4,Codes!\$A\$2:\$B\$10)			4	
	 VLOOKUP/LOOKUP function ✓ Lookup value: G4 ✓ Lookup table: Codes!A2:B10 ✓ (ignore absolute cell referencing) Column index number: 2 ✓ 	1 1 1 1			
4.3	Cell I5: =LOWER(CONCATENATE(LEFT(B5,1),RIGHT(A5,4), "@stp.co.",H5)) OR =LOWER(LEFT(B5,1)&RIGHT(A5,4)&"@stp.co."&H5)			6	
	 LOWER ✓ () LEFT ✓ (B5,1) ✓ (accept (B5)) RIGHT ✓ (A5,4) ✓ "@stp.co." (no mark as it's already provided) H5 ✓ 	1 2 2 1			
	(Note to marker: Accept any other options that will yield the correct answer.)				

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4.4	Cell C1: =IF(SUM(B2: "False")	B21)=COUNTA(List!A	3:A102),"True",		5	
	OR =SUM(B2:B2	1)=COUNTA(List!A3:	A102)			
	(columns)Value if co	ent ✔ 321) = COUNTA ✔ (List A, B, C, D, F & G can a andition true: "True" ✔ andition false: "False" ✔	lso be used)	1 2 1 1		
4.5	Cells A23:B4Duplicates	I3: s removed ✓		1	1	
	UK	36				
	South Africa	2				
	USA	11				
	Canada	12				
	Russia	16				
	Italy	8				
	Korea	5				
	Australia	6				
	Japan	4				
4.6	 Data select York and N Data serie Data serie Data label (Note to m 	the ph type changed to bare to changed to include Washington ✓ s gap width set to 40% is fill set to vary colours is displayed ✓ with dash harker: If a new chart/grate the first two marks.)	e only Chicago, New ✓ by point ✓ n style border ✓	1 1 1 1 2	6	
	Total for QUI	ESTION 4			[24]	

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EXAMINATION							
NUMBER							

QUESTION 5 File name: 5Data Total Q5: 40

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No.	Criteria	N	laxim Marl		Candidate Mark
Table:	tbGroups				
5.1.1	Field: GroupId • Field ID renamed to GroupID ✓	1		1	
5.1.2	 Field: Artist Combo box/List box added ✓ Row source: Soloist, Group, Band ✓ 	1		2	
5.1.3	Field: Manager • Format set to uppercase: > ✓	1		1	
5.1.4	Field: CellNo Input Mask: "+27"00\ 0000000 • "+27" • 00 and space • (do not accept 9) • 0000000 • (allocate this mark if 0 was used)	1 1 1		3	
5.1.5	 0000000 ✓ (allocate this mark if 9 was used) Field: Available Format changed to Yes/No ✓ 	1		1	
5.1.6	Field: DateBooked • Validation rule: Between #2018/03/14# ✓ AND ✓ #2018/03/17# ✓ (format of the date may differ) OR >=#3/14/2018# AND <=#3/17/2018# OR >#3/13/2018# AND <#3/18/2018# OR Between "2018/03/14" AND "2018/03/17" OR Between DateSerial(2018,03,14) AND DateSerial(2018,03,17) • Required property set to 'Yes' ✓	2 1		4	
Form:	frm5_2				•
5.2	 Artist field displays in bold ✓ Label inserted next to ReleaseDate field ✓ with help for date format MMM-yy ✓ (allocate second mark if in 'ControlTip Text') NoOfCDsInShop field AND label deleted ✓ 	1 1 1 1		4	

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NUMBER							

Query	: qry5_3				
5.3	 Sorted by <i>Title</i> field ✓ in ascending order ✓ ReleaseDate criteria: Is Null ✓ OR operator ✓ NoOfCDsInShop criteria: 0 OR <1 ✓ (Note to marker: 36 records expected.) 	2 1 1 1		5	
Query	: qry5_4		I I		
5.4	 Displays Artist, CountOfTitle and LastOfReleaseDate fields ✓ Artist field: Group By selected in Total row ✓ Title field: COUNT selected in Total row ✓ and criteria set to >1 ✓ ReleaseDate field: LAST selected in Total row ✓ (Note to marker: 14 records expected.) 	1 1 1 1		5	
Query	: qry5_5		1		
5.5	 Fields displayed: <i>Title, Format, Price</i> ✓ <i>Format</i> field criteria: Tape ✓ OR ✓ DVD ✓ Total row ✓ included in datasheet view Displayed as SUM ✓ (Note to marker: 8 records expected.) 	1 3 1 1		9	
Report	t: rpt5_6		1		
5.6	 Data source changed to qry5_6 ✓ ZARPrice field inserted ✓ in Detail section ✓ Label ('ZARPrice') added to the page header ✓ Grouping on Artist field ✓ Function in Artist group footer/group header ✓ =Count ✓ ([Title]) ✓ OR Count(*) 	1 2 1 1 1 2		8	
	Total for QUESTION 5			[40]	

QUESTION 6 File name: 6Quiz Total Q6: 20

EXAMINATION							
NUMBER							

- This question should be marked from the HTML code.
- Numerical attribute values do not need to be in inverted commas.
- A maximum of 1 mark will be deducted if one or more closing tags are omitted.

No.	Criteria	N	laxim Marl		Candidate Mark
6.1	Heading font and size: <h1 align="center">St Patrick's Day</h1>			3	
	 Font changed to 'Forte' ✓ Font size set to 10 ✓ Font tags correctly used ✓ 	1 1 1			
6.2	Table: Merge and alignment Row <h2 align="center"></h2>			2	
	 Row 1 vertically aligned to the top ✓ Row 1 merged over 4 columns ✓ 	1 1			
6.3	Table row: Shading			2	
	 Row 2 background colour changed ✓ To white ✓ 	1 1			
6.4	Bullets and type <ol type="A"> It's the day St Patrick was born It's the day St Patrick drove snakes out of Ireland It's the day St Patrick died 			2	
	 Ordered list tags inserted ✓ Numbered type: A, B ✓ 	1 1			
6.5	Tag copied			2	
	 Correct tag ✓ Inserted in fourth column for question 1 (row 3) ✓ 	1 1			

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NUMBER							

	T	1	ı		
6.6	Link Look			1	
	 Hyperlink tags correctly inserted ✓ 	1			
6.7	Bold and italic			2	
	 <i> and </i> tags removed ✓ and tags inserted ✓ 	1 1			
6.8	Image <pre> <td></td><td></td><td>2</td><td></td></pre>			2	
	 src inserted ✓ File extension .png added ✓ 	1 1			
6.9	Table: column tags			2	
	 Opening column tags included ✓ Sixth question displays correctly ✓ 	1			
6.10	Image editing button style="background:green" type="submit"> <img SUBMIT			2	
	 Width="30" ✓ (OR 30) Height="30" ✓ (OR 30) 	1 1			
	Closing tag(s) or triangular brackets omitted or tags incorrectly nested	-1			
	Total for QUESTION 6			[20]	

File names: 7St, 7Old, 7New, 7Top **QUESTION 7 Total Q7: 20**

No. Criteria Maximum Candidate

EXAMINATION							
NUMBER							

		M	ark	Mark	
7St					
7.1.1	 Track changes All track changes rejected ✓ (See Irish (not bold) and heading 5) 	1	1		
7.1.2	Comment Comment inserted on word 'Biography' ✓ Comment reads 'See source' ✓	1 1	2		
7.1.3	 Edit picture Images ungrouped ✓ (allocate mark even if seventh image appears but the picture is ungrouped, allocate mark if six images grouped) Seventh image removed from document ✓ (if seventh image is not removed, but is not grouped with the six images, allocate first two marks) Regroup remaining images ✓ (only six images) Seventh image saved as an image file ✓ (Saint) 	1	4		
7.1.4	 Form controls Text form field maximum length set to 30 ✓ Drop-down form field: Dance added ✓ and list displays in alphabetical order ✓ Check box default changed to unchecked ✓ Text form field inserted ✓ and type set to date ✓ 	1 2 1 1	6		
7New	1.				
7.2	 Import tbDanceArticles table imported ✓ to 7New ✓ (accept if new database was created) 	1 -	_ 2		
7Top					
7.3	 Sort/Filter and delete table data Gender: only females ✓ Age: under 30 ✓ Sorted according to amount ✓ in descending order of amounts ✓ Displays only top 10 records ✓ 	1 1 1 1 1	5		
	Total for QUESTION 7		[20]		
	TOTAL		180		