

basic education

Department: Basic Education **REPUBLIC OF SOUTH AFRICA**

NATIONAL SENIOR CERTIFICATE

GRADE 12

..................... COMPUTER APPLICATIONS TECHNOLOGY P1 **NOVEMBER 2017 (2)** 1 1Ê MARKING GUIDELINES . . . **MARKS: 180** FINAL MARK CENTRE NUMBER **EXAMINATION** NUMBER QUESTION 2 TOTAL 1 3 4 5 6 7 **POSSIBLE MARK** 27 24 26 41 24 19 19 180 MARKER SM СМ IM/EM

These marking guidelines consist of 16 pages.

EXAMINATION NUMBER

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

QUESTION 1

File name: 1Rio

Total Q1: 27

No.	Criteria	Μ	aximı Mark		Candidate Mark
1.1	 Cover page Text 'Rio Carnival' or any other text inserted in 'Title' control ✓ Text 'Rio Carnival is the Mother of All Brazilian Carnival Parties' moved (not copied) into 'Subtitle' control <i>(ignore Carnival C</i>	1		3	
	 formatting but no marks allocated if text also appears in original position) ✓ 'Company' control removed ✓ 	1 1			
1.2	 Style Heading 1' style renamed to 'Rio' ✓ 	1		1	
1.3	 Table of contents Table of contents updated ✓ ('The Carnival Original' does not appear) 	1		1	
1.4	 Page numbers Section break inserted ✓ Page number from 'Table of Contents' page removed ✓ Page after 'Table of Contents' page numbered as 1 ✓ 	1 1 1		3	
1.5	 Superscript 'Adapted from www.dobrazilrigth.com' appears in superscript ✓ (Accept all or part of text) 	1		1	
1.6	 Line spacing Paragraph 'Carnival is on …' line spacing changed to 'Multiple' ✓ At 1.2 ✓ 	1		2	
1.7	 Footnote Footnote removed from the word 'Portuguese' ✓ 	1		1	

	EXAMINATION NUMBER			
1.8	 Columns Text inserted into 2 columns ✓ First column width set to 5 cm ✓ Second column width set to 10 cm ✓ 	1 1 1	3	
1.9	 Leader tabs Tab set on 10 cm ✓ Right-aligned ✓ Dotted leader tab set ✓ 	1 1 1	3	
1.10	 WordArt/Picture Picture 1Mask.jpg inserted ✓ Wrapping changed to Square/Tight/Through/Behind Text/In Front of Text ✓ (Mask appears to the right of Rio and above the WordArt) Picture adjusted and moved to resemble example ✓ 	1 1 1	3	
1.11	 Find and replace All occurrences (5 changes/6 occurrences) ✓ (accept 7 occurrences if original is still in document) ao replaced with ão ✓ 	1 1	2	
1.12	 Hyperlink screentip Screentip 'Read more' inserted on hyperlink ✓ (Accept any text for the screentip) 	1	1	
1.13	 Source Website source inserted ✓ URL OR name of website inserted ✓ 	1 1	2	
1.14	 Bibliography Automatic bibliography inserted ✓ 	1	1	
	Total for QUESTION 1		[27]	

EXAMINATION NUMBER 4 NSC – Marking Guidelines

QUESTION 2

File name: 2Party

Total Q2: 24

No.	Criteria	N	Maximum Mark	Candidate Mark
2.1	 Page footer File path inserted as a field ✓ (File name will be included) Appear in page footer ✓ (not header) 	1	2	
2.2	 Widow/Orphan control Widow/Orphan control checked ✓ for paragraph that starts with 'Blocos are groups' 	1	1	
2.3	 Caption Automatic caption inserted on picture either above or below ✓ 'Figure 1: Orguestra' (accept any text) ✓ 	1	2	
2.4	 Indentation Number position set at 0 cm ✓ Text indent set at 1.4 cm ✓ 	1	2	
2.5	 Antonym Successors' replaced with 'predecessors' ✓ 	1	1	
2.6	• Comment inserted on '2010' with text 'Since 2000' ✓	1	1	
2.7	 Cross-reference Cross-reference added ✓ on 'ref' Moves to '9.Other Blocos' ✓ 	1	2	
2.8	 Bullets Bullets changed ✓ To 2Maraca.jpg ✓ 	1	2	
2.9	 Table Table style changed to any other table style ✓ Repeat row header selected ✓ (not for whole table) Textbox form control type changed to 'Date' ✓ Displays in date format 'dd Mmm' OR 'dd mmm' OR 'dd MMM' ✓ First five cells in last row merged ✓ (Accept any number of cells merged) Formula entered: =SUM ✓ (Above) ✓ 	1 1 1 1 2	7	

	EXAMINATION NUMBER			
2.10	 Spreadsheet inserted Data from spreadsheet 2Carnival inserted as table ✓ As linked object ✓ (Verify by checking 'Edit Links to Files' or checking that 'Update Link' appears on the right-click menu) 	1 1	2	
2.11	 Table to text Table converted to text ✓ Character used to separate '#' ✓ 	1 1	2	
	Total for QUESTION 2		[24]	

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QUESTION 3

File name: 3Stat

Total Q3: 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		Maximum Mark			
Visit_	Besoek worksheet					
3.1	 Foreign worksheet: Foreign worksheet shows ✓ 	1	1			
3.2	Cell D4: • =VALUE(C4) ✓	1	1			
3.3	Cell E89: =SUM(E4:E88)		1			
	 E89 changed to E88 ✓ 	1				
3.4	Cell F89: =LARGE(F4:F88,7)		3			
	 LARGE function ✓ F4:F88 ✓ ,7 ✓ 	1 1 1				

EXAMINATION							
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NOWIDER							

3.5	Cell G4: =RIGHT(A4,3)&LEN(B4)&RANDBETWEEN(100,200)		6	
	OR =CONCATENATE(RIGHT(A4,3),LEN(B4), RANDBETWEEN(100,200))			
	OR =RIGHT(A4,3)&LEN(B4)&TRUNC(RAND()*(200- 100)+100)			
	 RIGHT function ✓ (A4,3) ✓ LEN(B4) ✓ DANDRETIMEEN function/(TDUNC(DAND()))) √ 	1 1 1 1		
	 RANDBETWEEN function/(TRUNC(RAND()) ✓ (100,200)/(200-100)+100 ✓ & OR CONCATENATE ✓ 	1		
3.6	Conditional formatting:		3	
	 Conditional formatting applied to cells B4:B88 ✓ Format all unique values ✓ Font colour set to red ✓ 	1 1 1		
Summ	ary_Opsom worksheet			
3.7	 Cell C2: Hyperlink set in cell C2 ✓ Links to cell F4 ✓ in the Visit_Besoek worksheet ✓ 	1 2	3	
3.8	 Graph/Chart: Graph/Chart title inserted 'Visitors' ✓ Column graph/chart created for 'National' and 'Foreign' ✓ and line graph with or without markers for 'Total' ✓ Legend displayed on left of chart/graph ✓ 3Brazil set as plot/chart area background ✓ 'National' data series filled with any pattern ✓ 	1 1 1 1 1 1	6	
	Total for QUESTION 3		[24]	

EXAMINATION NUMBER

QUESTION 4

File name: 4Tickets

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Total Q4: 26
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- 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 Mark	-	Candidate Mark		
Sales_	_Verkoop worksheet						
4.1	 Page orientation Page orientation changed to landscape ✓ 	1		1			
4.2.1	 Row 1 height Row height changed from 78.75 to 135 pt ✓ 	1		1			
4.2.2	 Picture Picture stretched to approximately fit into cell A1 ✓ 	1		1			
4.3	 Cells A2:K2: Headings appear in bold ✓ Background shaded to any colour ✓ 	1 1		2			
4.4	Cell K1: =DATE(2018,2,1)			4			
	 Year: 2018 ✓ Month: 2 ✓ Day: 1 ✓ Custom format: dd MMMM yyyy ✓ (Accept dd-MMM- yyyy) 	1 1 1 1					
4.5	 Cell G4: =(F4-E4)*24 • (F4-E4) ✓ • *24 ✓ • Cell's number format changed to number or general ✓ 	1 1 1		3			

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EXAMINATION NUMBER							

4.6.1	Cell N3: =ROUNDDOWN(AVERAGE(H3:H80),0)		4	
	OR =INT(AVERAGE(H3:H80)			
	OR =INT(AVERAGE(H:H)			
	 ROUNDDOWN function ✓ AVERAGE function ✓ Range: (H3:H80) ✓ (OR H:H) 	1 1 1 1		
4.6.2	 ,0 ✓ Cell J3: =IF(H3>=\$N\$2,IF(H3<=\$N\$3, "TRUE","FALSE"),"FALSE") 		5	
	OR =IF(AND(H3>=\$N\$2,H3<= \$N\$3),"TRUE","FALSE")			
	OR =(H3-\$N\$2)*(H3-\$N\$3)<=0			
	OR =IF(AND(H3>\$N\$3,H3>\$N\$2),"FALSE",IF(AND(H3<\$N \$3,H3<\$N\$2),"FALSE","TRUE"))			
	OR =AND(H3>=\$N\$2,H3<=\$N\$3)	1 1 1		
	 IF H3 ✓ >=N2 ✓ (Ignore absolute cell reference) AND <=N3 ✓ (Ignore absolute cell reference) TRUE if between ✓ FALSE if not between ✓ 	1		

EXAMINATION							
NUMBER							

•	Places_Plekke!A1:C7 ✓ (Ignore absolute cell reference) Column index: 3 ✓ *H3 ✓	1 1 1		
		1		
•	Lookup array Places_Plekke!A2:C7 OR			
•	Lookup value: 13 ✓	1		
-	=VLOOKUP(I3,Places_Plekke!\$A\$1:\$C\$7,3)*H3 ■ VLOOKUP function ✓	1		
	DR			
-	DR =VLOOKUP(I3,Places_Plekke!A2:C7,3)*H3			
	Cell K3: =VLOOKUP(I3,Places_Plekke!A2:C7,3,False)*H3		5	

QUESTION 5

EXAMINATION NUMBER 11 NSC – Marking Guidelines

File names: 5Samba, 5_7Gender.pdf

Total Q5: 41

No.	Criteria	N	laxim Marl	-	Candidate Mark
Table:	tbComp				
5.1.1	 Field: Entry Field size changed to 15 ✓ 	1		1	
5.1.2	Field: PerformanceDay Input Mask: >L?09			5	
	 >√ L√ ?√ 	1 1 1			
	• 0 ✓ • 9 ✓	1 1			
5.1.3	 Field: Class Validation rule: "A" or "B" or "C" or "D" or "E" or "F" AND operator changed to OR operator ✓ Suitable validation text entered that refers to characters A–F to be entered ✓ 	1		2	
5.1.4	 New field New field added with suitable name (should refer to sound clips) ✓ Data type set to OLE object /attachment /hyperlink ✓ 	1		2	
5.1.5	 Field: Year Moved to appear last in field list ✓ (Check in datasheet view and design view) 	1		1	
5.1.6	 Sorting Database sorted according to school names ✓ (Check in datasheet view and design view) 	1		1	

	EXAMINATION NUMBER	
Form:	frm5_2	
5.2	 Form created with all fields from tbComp table ✓ Heading 'Entries' inserted in form header ✓ (May appear with default heading) Class field changed to combo box ✓ Row source: "A";"B";"C";"D";"E";"F" ✓ Row source type: "Value list" ✓ Label with examination number ✓ added in form footer ✓ 	1 7 1 1 1 1 1 1 1 1 1 1
Query 5.3	 : qry5_3 Sorted first by Surname ✓ then by School ✓ Criteria on Position: 1 ✓ School, Surname, Name fields displayed ✓ (Note to marker: 6 records expected.) 	1 4 1 1 1 1 1 1
Query	: qry5_4	
5.4	 Criteria in PerformanceDay: Between #2017/03/02# ✓ AND #2017/03/03# ✓ OR >=#2017/03/02# AND <=#2017/03/03# OR #2017/03/02# OR #2017/03/03# OR Day([PerformanceDay])=2 OR Day([PerformanceDay])=3 AND Month([PerformanceDay])=3 AND Year([PerformanceDay])=2017 	2
	 Calculated field: [TotalPoints]*110/100 OR ([TotalPoints]*0.1) + [TotalPoints] OR [TotalPoints] *1.1 OR ([TotalPoints]*10/100) + [TotalPoints] NewPoints field name: ✓ [TotalPoints]* ✓ Calculation of 10% ✓ Added to [TotalPoints] ✓ 	
	 TotalPoints criteria: >265 ✓ 	
	 (Notes to marker: 17 records expected. The format of the date may differ.) 	

	EXAMINATION NUMBER			
Query	: qry5_5			
5.5	 Criteria in Entry: Like "??" OR LEN([Entry])=2 ? ✓ (correct character or use of LEN function) Two characters ✓ (Note to marker: 15 records expected.) 	1	2	
Repor	t: rpt5_6			
5.6	 Fields inserted PerformanceDay, Class, Surname, Name, Title, School ✓ (Ignore sequence) Report firstly grouped by PerformanceDay ✓ Performance grouping intervals set to Normal/Day ✓ Report secondly grouped by Class ✓ Function in Class group footer/group header ✓ =Max ✓ ([TotalPoints]) ✓ (Note to marker: Allocate the marks for the function even if it appears in the wrong place.) 	1 1 1 1 2	7	
PDF:	5_7Gender			
5.7	 Report exported ✓ As PDF ✓ 	1 1	2	
	Total for QUESTION 5		[41]	

EXAMINATION NUMBER

QUESTION 6

File name: 6Post

Total Q6: 19

- 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	Title <title>Examination number</title>			1	
	 Examination number added as title ✓ 	1			
6.2	Body background colour <body bgcolor="green" text="#ecf8a4"></body>			2	
	 Background of web page (bgcolor) ✓ Changed to green ✓ (ignore if text tags removed) 	1 1			
6.3	<pre>Image • Picture inserted as second image ✓ • Picture 6House.jpg inserted correctly ✓ • Width="24%" and Height="200" ✓ (copied from other</pre>	1		3	
6.4	images) Alignment	1		1	
	<h3 align="center">SAMBA DANCERS FREE PAINT FREE CARNIVAL MASKS</h3> OR <center><h3>SAMBA DANCERS FREE PAINT FREE</h3></center>				
	CARNIVAL MASKS				
	• Text centred ✓	1			

			0				
EXAMINATION NUMBER							

6.5	Horizontal line <hr size="4"/>		2	
	 Horizontal line tag corrected ✓ Size set to 4 ✓ 	1 1		
6.6	Font size It starts on Friday		2	
	 Font size tags inserted ✓ Font size set to 20 pt ✓ 	1 1		
6.7	Table Facts about Brazil >OFFICIAL NAME: >Federal Republic of Brazil >td>>CAPITAL: >td>>POPULATION: >td>>OFFICIAL LANGUAGE: >OFFICIAL LANGUAGE: >OFFICIAL LANGUAGE: >Table inserted ✓ Table border added ✓ First row merged (colspan=2) ✓ First row contain a heading (th) ✓	1 1 1	6	
	 Table contains 5 rows (correct text) ✓ Table contains 2 columns (correct text) ✓ 	1 1		
6.8	Hyperlink www.riotickets.com </a 		2	
	 Tag completed (<a href=")" li="" ✓<=""> To correct target http://www.riotickets.com ✓ (ignore if 'http://' is left out) 	1 1		
	Closing tag(s) or triangular brackets omitted	-1		
	Total for QUESTION 6		[19]	

EXAMINATION							
NUMBER							

QUESTION 7

Total Q7: 19

File names: 7Travel.docx, 7Handout & 7Tickets

No.	Criteria	М	aximum Mark	Candidate Mark
7Trav	el_Toer	•		
7.1.1	 Page border Page border inserted ✓ Any double line ✓ border 	1	2	
7.1.2	 Footnote Footnote (or endnote) added on the 'Redeemer' picture ✓ Any footnote text added ✓ 	1	2	
7.1.3	 Picture formatting Alt Text Title inserted ✓ Alt Text Description changed to 'Photo of Hotel' ✓ 	1	2	
7.1.4	 Hyperlink Hyperlink removed ✓ 	1	1	
7Hanc	lout			
7.2	 Handouts Slides exported to word processing document ✓ As handouts ✓ Provision for notes next to slides ✓ 	1 1 1	3	
7Ticke			1 1	1
7.3	 Tickets table Table created ✓ 5 (6) fields added ✓ Date set to Date data type ✓ Date field format set to any date format ✓ Section, Row set to Short Text/Text ✓ Section, Row field size changed to less than 255 ✓ (Accept if only one field size changed) Price set to Currency ✓ Price field format changed to Euro ✓ Sold field set to Yes/No ✓ 	1 1 1 1 1 1 1 1	9	
	Total for QUESTION 7		[19]	
	TOTAL		180	