

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] | |

|--|

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 | | | | | | | |
|-------------|--|--|--|--|--|--|--|
| EXAMINATION | | | | | | | |
| | | | | | | | |
| 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 |
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|-----------------------|

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 | | | |

| | | | • | | | | |
|-----------------------|--|--|---|--|--|--|--|
| 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 | |