# SA EXAM PAPERS

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**GRADE 12**

**COMPUTER APPLICATIONS TECHNOLOGY P1**

**NOVEMBER 2017**

**MARKING GUIDELINES**

**MARKS: 180**

| CENTRE NUMBER | | | | | | | | | | FINAL MARK | |
|---|---|---|---|---|---|---|---|---|---|---|---|

| EXAMINATION NUMBER | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| QUESTION | 1 | 2 | 3 | 4 | 5 | 6 | 7 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| POSSIBLE MARK | 34 | 16 | 31 | 19 | 40 | 20 | 20 | 180 |
| MARKER | | | | | | | | |
| SM | | | | | | | | |
| CM | | | | | | | | |
| IM/EM | | | | | | | | |

**These marking guidelines consist of 15 pages.**

| EXAMINATION NUMBER | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

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

**QUESTION 1**         **File name: 1Harvest**         **Total Q1: 34**

| No. | Criteria | Maximum Mark | | Candidate Mark |
|---|---|---|---|---|
| 1.1.1 | **Heading (HARVEST FOOD FESTIVAL)**<br>• Any WordArt applied to heading ✔<br>• WordArt rotated by 90° or 270° ✔ | 1<br>1 | 2 | |
| 1.1.2 | **Picture**<br>• Picture cropped to display only the basket and grapes ✔<br>• Height set to 10 cm ✔<br>• Width set to 12 cm ✔<br>• Any oval-like picture style or shape applied ✔ | 1<br>1<br>1<br>1 | 4 | |
| 1.1.3 | **Table**<br>• Default top cell margin set to 0.1 cm ✔ *(check table or cell options)*<br>• No borders display ✔ | 1<br><br>1 | 2 | |
| 1.2 | **Page break**<br>• Page break or section break (next page) inserted ✔ | 1 | 1 | |
| 1.3.1 | **Styles** *(Mark from Styles Gallery)*<br>• Display1 style removed ✔ | 1 | 1 | |
| 1.3.2 | **Display2 style modified**<br>• Numbering added in format 1., 2., ✔ *(Accept 1), 2),)*<br>• Any border added ✔<br>• Left indent set to 0 cm ✔<br>• All occurrences of the style updated ✔ | 1<br>1<br>1<br>1 | 4 | |
| 1.4 | **Cross reference (Figure 3: Gourmet Meals)**<br>• Cross reference inserted within brackets ✔ *(Accept hyperlink/ bookmark)*<br>• Reference to label 'Figure 3: Gourmet Meals' ✔ | 1<br><br>1 | 2 | |
| 1.5 | **Language**<br>• Word 'explore' language changed to English (South Africa) ✔ *(mark from task bar)* | 1 | 1 | |

| | EXAMINATION NUMBER | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| 1.6 | **Tabs** | | | 6 | |
|---|---|---|---|---|---|
| | • Tab set at 2 cm ✔ | 1 | | | |
| | • Left aligned ✔ | 1 | | | |
| | • Tab set at 10 cm ✔ | 1 | | | |
| | • Right aligned ✔ | 1 | | | |
| | • Solid leader tab set ✔ | 1 | | | |
| | • Tab settings applied to all lines ✔ | 1 | | | |
| 1.7 | **Citation (Ward)** | | | 2 | |
| | • Citation to 'Jean Ward' source inserted ✔ | 1 | | | |
| | • Year does not display ✔ | 1 | | | |
| 1.8.1 | **Caption (Figure 6: Jumping Castle)** *(Alt + F9)* | | | 2 | |
| | • Automatic figure caption added ✔ to correct picture | 1 | | | |
| | • Text 'Jumping Castles' inserted ✔ for caption | 1 | | | |
| 1.8.2 | **Table of figures** | | | 1 | |
| | • Table of figures updated ✔ *(see 'Figure 5: Wine Shop')* | 1 | | | |
| 1.9 | **Bibliography** | | | 2 | |
| | Book, A. (2015). Too little too late. Entertainment All.<br>Business To All. (2016, July). Retrieved from Biz Communities:<br>    www.biz_com.com<br>Sousher, P. L. (2014). Marketing South Africa. Business Journal, 61-62.<br>Ward, J. (2005). Coetzenburg: A Tourist Site. | | | | |
| | • Automatic bibliography inserted ✔ | 1 | | | |
| | • Appears in APA style ✔ | 1 | | | |
| 1.10 | **Page numbering and section numbering** | | | 4 | |
| | • Page number does not appear on first page ✔ | 1 | | | |
| | • Section 2/Last page formatted with i, ii, iii, … format ✔ | 1 | | | |
| | starts from i ✔ | 1 | | | |
| | • Style of page number with 'i' not changed ✔ | 1 | | | |
| | **Total for QUESTION 1** | | | **[34]** | |

| EXAMINATION NUMBER | | | | | | | | | | | | | |
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**QUESTION 2**          **File name: 2Stay**          **Total Q2: 16**

| No. | Criteria | Maximum Mark | | | Candidate Mark |
|---|---|---|---|---|---|
| 2.1 | **Page layout**<br>• Page size set to 'Legal' (21.59 cm x 35.56 cm) ✔<br>• Multiple pages set to 'Book fold' ✔ | 1<br>1 | | 2 | |
| 2.2 | **Comment**<br>• Any comment added ('New'/'Reply'/Edited) ✔<br>• Any relevant response added ✔ | 1<br>1 | | 2 | |
| 2.3 | **Watermark**<br>• Any watermark added ✔<br>• Image '2Pic.jpg' used ✔<br>• Scale set to 200% ✔ | 1<br>1<br>1 | | 3 | |
| 2.4 | **Check box: Special Shopper**<br>• Default value set to checked ✔<br><br>**Combo box: Type of Accommodation**<br>• Option 'B and B' added to combo box ✔<br>• 'B and B' appears first ✔<br><br>**Text form field: Total**<br>• Type: Number ✔<br>• Number format: R# ##0.00;(R# ##0.00) ✔<br>• Help text inserted on F1 key ✔<br>• Any text entered ✔ *(Days*Rate) (Allocate this mark if text is in status bar)* | 1<br><br>1<br>1<br><br>1<br>1<br>1<br>1 | | 7 | |
| 2.5 | **SaveDate field** *(Alt + F9)*<br>• Any date field added ✔ *(Accept any date field in any format)*<br>• SaveDate field added ✔ | 1<br>1 | | 2 | |
| | **Total for QUESTION 2** | | | **[16]** | |

| EXAMINATION NUMBER | | | | | | | | | | | | | |
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**QUESTION 3**          **File name: 3Acc**          **Total Q3: 31**

- *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 | | | Candidate Mark |
|---|---|---|---|---|---|
| **Accom_Verblyf worksheet** | | | | | |
| 3.1 | **Row 6:**<br>• Row 6 height changed to exactly 45 pt ✔<br>• Row 6 headings wrapped ✔ | 1<br>1 | | 2 | |
| 3.2 | **Cell H7:**<br>**=G7-F7**<br>**OR**<br>**=DAYS(G7,F7)**<br>**OR**<br>**=DAY(G7)-DAY(F7)**<br><br>• Correct cells used ✔<br>• To determine difference correctly ✔ | 1<br>1 | | 2 | |
| 3.3 | **Cell I8:**<br>**VLOOKUP(D8,Rate_Tarief!$B$3:$C$23,2)**<br><br>**OR**<br>**=VLOOKUP(D8,Rate_Tarief!$B$4:$C$23,2)**<br><br>• Lookup value: D8 ✔<br>• Lookup range: Rate_Tarief!$B$3:$C$23 **OR** Rate_Tarief!$B$4:$C$23 ✔ *(accept named range)*<br>• Absolute cell references correctly used ✔ *(allocate mark if named range was used)*<br>• Correct column: 2 ✔ | 1<br><br>1<br>1<br><br>1 | | 4 | |
| 3.4 | **Cell J9:**<br>**=H9*I9 OR =PRODUCT(H9,I9) OR =(G9-F9)*I9**<br><br>• Correct cells used ✔<br>• Multiplication ✔<br>• Format changed to any currency format ✔ | 1<br>1<br>1 | | 3 | |

| EXAMINATION NUMBER | | | | | | | | | | | | | |
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| 3.5 | **Cell L10:** *(Check for building blocks)* <br> **=LEN(K10)/100*J10** <br> **OR** <br> **=J10*LEN(K10)/100** <br> **OR** <br> **=J10*LEN(K10)%** <br> **OR** <br> **=LEN(K10)*1%*J10** <br> **OR** <br> **=J10*("0.0"&LEN(K10))** <br><br> • LEN ✓ (K10) ✓ <br> • /100 ✓ *(Accept decimals instead of percentages)* <br> • * J10 ✓ <br><br> *(Notes to marker:* <br> • *Accept any method that will yield the correct answer.* <br> • *=IF(LEN(K10)=5,J10*5%,IF(LEN(K10)=4,J10*4%, IF(LEN(K10)=3,J10*3%,IF(LEN(K10)=2,J10*2%, J10*1%))))* <br> • *=IF(K10="*****",J10*5%,IF(K10="****",J10*4%, IF(K10="***",J10*3%,IF(K10="**",J10*2%,J10*1%))).* <br> • *Mark allocation for nested if: test K10 for correct number of stars✓, J10 used to calculate discount✓, identified correct %✓, nested if correctly applied for all options✓.)* | 2 <br> 1 <br> 1 | | 4 | |
| 3.6 | **Cell M7:** *(Check for building blocks)* <br> **=IF(VALUE(MID(C7,7,1))>=5,"Male","Female")** <br><br> **OR** <br> **=IF(VALUE(MID(C7,7,1))<5,"Female","Male")** <br><br> • IF function ✓ <br> • Criteria: VALUE **OR** NUMBERVALUE function ✓ <br> ((MID(C7,7,**1** ✓)) <br> >=5 ✓ **OR** >4 *(OR >="5" if VALUE was not used)* <br> • Value if true: "Male" **OR** "M" ✓ <br> • Value if false: "Female" **OR** "F" ✓ <br><br> *(Notes to marker:* <br> • *Evaluate the candidates answer against the bulleted options e.g. CODE function.* <br> • *Penalise only the second mark if VALUE was not used.)* | 1 <br> 1 <br> 1 <br> 1 <br> 1 <br> 1 | | 6 | |

| EXAMINATION NUMBER | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| 3.7 | **Cell G2:**<br>**=SMALL(I7:I66,3) OR =SMALL(I:I,3)**<br><br>• SMALL function ✔<br>• Range: I7:I66 ✔<br>• Third smallest: 3 ✔ | <br><br><br>1<br>1<br>1 | | 3 | |
|---|---|---|---|---|---|
| 3.8 | **Cell G3:**<br>**=MODE(I7:I66) OR =MODE(I:I)**<br><br>• MODE function **OR** MODE.MULT **OR** MODE.SNGL function ✔<br>• Range: I7:I66 ✔ | <br><br><br><br>1<br>1 | | 2 | |
| 3.9 | **Cell G4:**<br>**=SUMIF(E7:E66,"Country*",J7:J66)**<br><br>**OR**<br>**=SUMIF(E7:E66,"*Country*",J7:J66)**<br><br>**OR**<br>**=SUMIF(E7:E66,"Country House",J7:J66)+SUMIF (E7:E66,"Country Inn",J7:J66)**<br><br>• SUMIF(S) function ✔<br>• Criteria range: E7:E66 ✔<br>• Criteria**:** Country **OR** C ✔ * ✔ *(accept \* in front, allocate both marks if "Country House" and "Country Inn" was used)*<br>• Sum range: J7:J66 ✔<br><br>*(Note to marker: =SUMIFS(J7:J66,E7:E66,"Country*")* | <br><br><br><br><br><br><br><br><br>1<br>1<br>2<br><br><br><br>1 | | 5 | |
| | **Total for QUESTION 3** | | | **[31]** | |

| EXAMINATION NUMBER | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**QUESTION 4**      **File name: 4Quest**      **Total Q4: 19**

- *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 | | | Candidate Mark |
|---|---|---|---|---|---|
| **Respons worksheet** | | | | | |
| 4.1 | **Cell H3:**<br>**=COUNTBLANK(H6:H115)**<br><br>**OR**<br>**=COUNTIF(H6:H115,"")**<br><br>• COUNTBLANK function ✓<br>• Range: (H6:H115) ✓ | 1<br>1 | | 2 | |
| 4.2 | **Cell K6:**<br>**=TIME(HOUR(J6),MINUTE(J6)+20,0)**<br><br>**OR**<br>**=J6+TIME(0,20,0)**<br><br>**OR**<br>**=SUM(TIME(0,20,0),J6)**<br><br>**OR**<br>**=J6+TIMEVALUE("0:20")**<br><br>• J6 ✓<br>• Any time function ✓<br>• 20 minutes ✓<br>• Added ✓ | 1<br>1<br>1<br>1 | | 4 | |

| EXAMINATION NUMBER | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | |

| 4.3 | **Cell K3:**<br>**=COUNTA(H6:H115)/K2*100**<br>**OR**<br>**=COUNTA(H6:H115)/K2**<br>**OR**<br>**=COUNTIF(H6:H115,"*")/K2**<br>**OR**<br>**=(K2-H3)/K2*100**<br>**OR**<br>**=(K2-H3)/K2**<br>**OR**<br>**=100*(1-H3/K2)**<br>**OR**<br>**=((K2-COUNTBLANK(H6:H115))/K2*100)/100**<br><br>• COUNTA function **OR** K2-H3 ✓<br>• Range: (H6:H115) **OR** Correct use of brackets ✓<br>• /K2 ✓ *(Accept COUNTA of columns A, B, C, D or G)*<br>• *100 **OR** format changed to percentage ✓ | 1<br>1<br>1<br>1 | | 4 | |
| 4.4 | **Columns A and B: Conditional formatting**<br><br>• Conditional formatting applied to A6:B115 ✓<br>• =$B$3=$G6 ✓ **OR** =$B$3=$G6:$G115 *(Ignore absolute cell reference)*<br>• Absolute cell reference correctly applied ($G6 **OR** G6 **OR** $G6:$G115 **OR** G6:G115) ✓<br>• Format style: Any fill colour ✓ | 1<br>1<br><br>1<br>1 | | 4 | |
| **Earn_Verdien worksheet** | | | | | |
| 4.5 | **Chart/Graph:**<br>• Vertical axis title inserted 'Amount' ✓<br>• 4Coin image inserted ✓ and stacked and scaled in units of 100 000 ✓ *(8 coins display)*<br>• Horizontal axis labels:<br>   ○ Alignment set to: Rotate all text 270° or 90° ✓<br>   ○ Major units set to 2 days ✓ | 1<br>1<br>1<br><br>1<br>1 | | 5 | |
| | **Total for QUESTION 4** | | | **[19]** | |

| EXAMINATION NUMBER | | | | | | | | | | | | |
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**QUESTION 5**      **File name: 5Visit**      **Total Q5: 40**

| No. | Criteria | Maximum Mark | | | Candidate Mark |
|---|---|---|---|---|---|
| **Table: tbAccom** | | | | | |
| 5.1.1 | **Field: Name**<br>• Field size changed to 30 ✓ | | 1 | 1 | |
| 5.1.2 | **Field: Surname**<br>• Set as required field ✓ | | 1 | 1 | |
| 5.1.3 | **Field: IdentityNumber**<br>Input Mask: 0000000000000<br>• Compulsory digit used: 0 ✓<br>• 13 characters ✓ | | 1<br>1 | 2 | |
| 5.1.4 | **Field: Province**<br>• Option 'EC' added to drop down list ✓<br>• Added as first option in drop down list ✓ | | 1<br>1 | 2 | |
| 5.1.5 | **Field: DateIn**<br>• **Validation Rule:**<br>>= #2017/11/18# ✓ **AND** ✓ <= #2017/11/28 # ✓<br>  **OR** >#2017/11/17# **AND** <#2017/11/29#<br>  **OR** Between #2017/11/18# **AND** #2017/11/28#<br>  **OR** Between "2017/11/18" **AND** "2017/11/28"<br><br>• **Validation text**<br>Any appropriate validation text that refers to the range of dates ✓ | 3<br><br><br><br><br>1 | | 4 | |
| 5.1.6 | **Field: Code**<br>• Expression modified as: LEFT([Surname] ✓<br>• ,3 ✓) | | 1<br>1 | 2 | |
| **Form: frm5_2** | | | | | |
| 5.2 | • Form header text changed ✓ to examination number *(accept if examination number was added)*<br>• Show date picker for *DateIn* field set to never ✓<br>• Format of *Rate* field changed to any currency ✓<br>• Date field inserted **OR** DATE() ✓<br>• Time field inserted **OR** TIME() ✓<br>• In the form footer ✓<br><br>*(Note to marker: Allocate Date and Time mark if =NOW() was used.)* | 1<br><br>1<br>1<br>1<br>1<br>1 | | 6 | |

     Please turn over

| EXAMINATION NUMBER | | | | | | | | | | | | | | |
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| **Query: qry5_3** | | | | | |
|---|---|---|---|---|---|
| 5.3 | • *Province* criteria: LP ✔ **OR** ✔ MP ✔ **OR** In("LP","MP")<br>• Data sorted ascending by *Surname* ✔<br><br>*(Note to marker: 11 records expected.)* | 3<br>1 | | 4 | |

| **Query: qry5_4** | | | | | |
|---|---|---|---|---|---|
| 5.4 | • Total (Group by) row displayed ✔<br>• SUM selected for *NumberOfNights* field in Total row ✔ | 1<br>1 | | 2 | |

| **Query: qry5_5** | | | | | |
|---|---|---|---|---|---|
| 5.5 | • Only *Name* and *Surname* fields are displayed ✔<br>• *NumberOfNights* criteria: <=5 ✔ *(OR <6)*<br>• *Amount* field criteria: <800 ✔ OR ✔ >2000 ✔<br>• *DOB* criteria: IS NULL **OR** Not Like "*"✔<br>• **AND** operator for all field criteria ✔ | 1<br>1<br>3<br>1<br>1 | | 7 | |



*(Note to marker: 2 records expected.)*

| **Query: qry5_6** | | | | | |
|---|---|---|---|---|---|
| 5.6 | **Calculated field:**<br>**Discount:[Amount]-[Amount]*10/100 OR**<br>**Discount:[Amount]-[Amount]*0.1 OR**<br>**Discount:[Amount]*0.9 OR**<br>**Discount:[Amount]*90/100**<br><br>• New calculated field *Discount* added ✔<br>• 10% calculated ✔<br>• On the original *Amount* ✔<br>• Subtract to get the difference ✔ | <br><br><br><br><br>1<br>1<br>1<br>1 | | 4 | |

| **Report: rpt5_7** | | | | | |
|---|---|---|---|---|---|
| 5.7 | • Shading applied to *Province* <u>field</u> ✔ (in *Province* group header)<br>• *Amount* field sorted ✔ in descending (largest to smallest) order<br>• Function in *Accommodation* group footer/header ✔<br>=SUM ✔ ([*Amount*]) ✔<br><br>*(Note to marker: Allocate the marks for the function even if it appears in the wrong place.)* | 1<br><br>1<br><br>1<br>2 | | 5 | |
| | **Total for QUESTION 5** | | | **[40]** | |

| EXAMINATION NUMBER | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**QUESTION 6**      **File name: 6Viti**      **Total Q6: 20**

- *NO marks should be allocated for answering this question using Word.*
- *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 | Maximum Mark | | | Candidate Mark |
|---|---|---|---|---|---|
| 6.1 | **Font Type**<br>*<font **face="Arial"**>*<br><br>• Font type set to 'Arial' ✓ | | 1 | 1 | |
| 6.2 | **Heading 1: 'Growing Grapes'**<br>*<h1 **align="center"**><font color="blue">Growing Grapes</font></h1>*<br><br>**OR**<br>*<h1><center><font color="Blue">Growing Grapes</font></center></h1>*<br><br>• Text 'Growing Grapes' alignment set to centre ✓ **align="center" OR <center></center>**<br>• Text 'Growing Grapes' font colour set to blue ✓ **<font color="blue">** | 1<br><br>1 | 2 | | |
| 6.3 | **Horizontal line**<br>*<hr size="3"> OR <hr size="3"/>*<br><br>• Horizontal line inserted ✓<br>• Size set to 3 ✓ | 1<br>1 | 2 | | |
| 6.4 | **Bulleted list**<br>*<ul type="circle">*<br>   *<li>the composition of the soil</li>*<br>   *<li>the climate</li>*<br>   *<li>situation of vineyard</li>*<br>*</ul>*<br><br>• Unordered list ✓<br>• Bullet circle type: **type="circle"** applied to all list items ✓<br>• List item applied to at least one item ✓ *(if list items are not closed, check line 1 for <<!DOCTYPE html>>)* | 1<br><br>1<br>1 | 3 | | |

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| | | | | | |
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| 6.5 | **Image: Height and width**<br>***<img src="6Hectare.png" height="250" width="350">***<br><br>• Img tag ✓<br>• Correct source file: ***src = "6Hectare.png"*** ✓<br>• Height set to 250 ✓<br>**height="250"**<br>• Width set to 350 ✓<br>**width="350"** | 1<br>1<br>1<br><br>1 | | 4 | |
| 6.6 | **Table**<br>*<table border="**5**" width="60%">*<br>  *<tr>*<br>    *<td **colspan="2"**><font color="blue">*<br>    *<b>Variety of grapes</b></font></td>*<br>  *</tr>*<br><br>  *…*<br><br>  *<tr>*<br>    *<td>Currants*</td>*<br>    *<td>987 125</td>*<br>  *</tr>*<br>  ***<tr>***<br>    ***<td>Sultana</td>***<br>    ***<td>148 759 871</td>***<br>  ***</tr>***<br>*</table>*<br><br>• Table border changed to 5: ***border="5"*** ✓<br>• Spans two columns: ***colspan="2"*** ✓<br>• Last row added to table: ***<tr> … </tr>*** ✓<br>• Two cells added to last row: ***<td> … </td>*** ✓<br>• Any required text added in at least one cell ✓ | <br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>1<br>1<br>1<br>1<br>1 | | 5 | |
| 6.7 | **Hyperlink**<br>***<a href="6SAStats.docx">**<img src=6More.jpg>**</a>***<br><br>• Hyperlink created: ***<a href></a>*** ✓<br>• On image ✓<br>• To correct file: ***"6SAStats.docx">*** ✓ | <br><br>1<br>1<br>1 | | 3 | |
| | **Closing tag(s) or triangular brackets omitted or incorrect nesting** | -1 | | | |
| | **Total for QUESTION 6** | | | **[20]** | |

     Please turn over

| EXAMINATION NUMBER | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**QUESTION 7**        **File names: 7Calc, 7Rep**        **Total Q7: 20**

| No. | Criteria | Maximum Mark | | | Candidate Mark |
|---|---|---|---|---|---|
| **7Calc: Num_Nom worksheet** | | | | | |
| 7.1 | **Cell A3:** <br> **RANDBETWEEN (100,999)** <br> **OR** <br> **=RAND()*(999-100)+100** <br> **OR** <br> **=RANDBETWEEN(1,9)&RANDBETWEEN(0,9)&** <br> **RANDBETWEEN(0,9)** <br> • RANDBETWEEN **OR** RAND function ✓ <br> • Lower boundary (Any 3-digit number) ✓ <br> • Upper boundary (Any 3-digit number) ✓ *(Should be larger than lower boundary)* <br><br> **Cell B3:** <br> **=LEFT(A3,1) OR TRUNC(A3/100) OR MID(A3,1,1) OR INT(A3/100) OR LEFT(A3)** <br> • LEFT function ✓ *(OR TRUNC OR MID)* <br> • Extract one character from cell A3 ✓ <br><br> **Cell C3:** <br> **=RIGHT(A3,1) OR MID(A3,3,1) OR MID(A3,LEN(A3),1) OR A3-INT(A3/10)*10 OR RIGHT(A3)** <br> • RIGHT function ✓ *(OR MID)* <br> • Extract one character from cell A3 ✓ <br><br> **Cell D3:** <br> **=IF(B3=C3,"YES","NO") OR** <br> **=IF(EXACT(B3,C3),"YES","NO")** <br> • Check that B3=C3 ✓ *(OR (B3<>C3))* <br> • Value if true: "YES" ✓ <br> • Value if false: "NO" ✓ | 1 <br> 1 <br><br> 1 <br><br><br> 1 <br> 1 <br><br><br> 1 <br> 1 <br><br><br> 1 <br> 1 <br> 1 | | 10 | |

| EXAMINATION NUMBER | | | | | | | | | | | | | |
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| | **7Calc: Vouch_Bewys worksheet** | | | | |
|---|---|---|---|---|---|
| 7.2.1 | **Cell E2**: *(Check for building blocks)*<br>**=TODAY()<=DATE(YEAR(NOW()),MONTH(D2),DAY(D2))**<br>**OR**<br>**=IF(TODAY()>=DATE(2017,MONTH(D2),DAY(D2)), "FALSE","TRUE")**<br>**OR**<br>**=IF(TODAY()<DATE(YEAR(TODAY()),MONTH(D2),DAY(D2)), "TRUE","FALSE")**<br>**OR**<br>**=IF(DATE(YEAR(TODAY()),MONTH(D2),DAY(D2))>=TODAY(),"TRUE", "FALSE")**<br>**OR**<br>**=OR(AND(MONTH(D2)=MONTH(TODAY()),DAY(D2)>=DAY(TODAY())),MONTH(D2)>MONTH(TODAY()))**<br>**OR**<br>**=OR(IF(MONTH(D2)>MONTH(TODAY()),TRUE), AND(MONTH(D2)=MONTH(TODAY()),DAY(D2)>=DAY(TODAY())))**<br>**OR**<br>**=IF(MONTH(D2)>MONTH(TODAY()),"TRUE", IF(MONTH(D2)=MONTH(TODAY()),IF(DAY(D2)>=DAY(TODAY()),"TRUE","FALSE"),"FALSE"))** | | | 7 | |
| | • Criteria 1: Check if birth month is greater than current month ✓ | 1 | | | |
| | • Correct output (TRUE) if birth month/date is greater than current month/date ✓ | 1 | | | |
| | • Criteria 2: Check if current month is equal to birth month ✓ AND current day is greater or equal to birth day ✓ | 1<br>1 | | | |
| | • Correct output (TRUE) if both aspects in criteria 2 are true ✓ | 1 | | | |
| | • Correct output (FALSE) if criteria 2 is false ✓ | 1 | | | |
| | • Function copied to cells E3:E111 ✓ | 1 | | | |
| | *(Note to marker: Award the output mark if the second criteria is wrong but the output is correct.)* | | | | |
| 7.2.2 | **rpt7_2 report in 7Rep database**<br>• 7Calc data imported to 7Rep ✓ (110 records)<br>• Any report created ✓ with 4 or 5 correct fields ✓ | 1<br>2 | | 3 | |
| | **Total for QUESTION 7** | | | **[20]** | |
| | **TOTAL** | | | **180** | |