

basic education

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

SENIOR CERTIFICATE/ NATIONAL SENIOR CERTIFICATE

GRADE 12



MARKS: 180

CENTRE NUMBER				FIN	AL M	ARK		
EXAMINATION NUMBER								

QUESTION	1		2	2	3	3	2	Ļ	į	5	(6	7	7	TOTAL
POSSIBLE MARK	2	9	2	1	2	7	2	3	4	0	2	0	2	0	180
MARKER															
SM															
СМ															
IM/EM															

These marking guidelines consist of 15 pages.

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Please turn over

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

QUES	TION 1 File name: 1Pyramids			Total Q1: 29
No.	Criteria	Μ	laximum Mark	Candidate Mark
1.1	 Picture Picture width changed to 21 cm ✓ Picture positioned over top edge and across width of page ✓ All empty paragraphs below picture removed ✓ 	1 1 1	3	
1.2	 Heading Strikethrough removed from whole heading ✓ Character spacing expanded ✓ by 1.5 pt ✓ Heading horizontally centred ✓ 	1 2 1	4	
1.3	 Source Website source added ✓ Author 'Nina Sen' added ✓ (Accept Sen, Nina OR any variation of Nina Sen) Year '2012', Month 'September' OR 09 OR 9, Day '6' ✓ Added in the appropriate places ✓ 	1 1 1	4	
1.4	 Find and replace Nonbreaking spaces replaced with a single normal space ✓ (some replacements) All 14 occurrences of nonbreaking spaces replaced ✓ (Find nonbreaking spaces (^s), no occurrences) 	1 1	2	
1.5	 Indent: 'One of' First line indent ✓ Left or hanging indent set at 2 cm ✓ Right indent set at exactly 14 cm on ruler ✓ (1.92 cm in dialog box) 	1 1 1	3	
1.6	 Line and Paragraph spacing: 'The grand' Paragraph spacing after changed to 8 pt ✓ Line spacing set to 'Multiple' ✓ At 1.4 ✓ 	1 1 1	3	
1.7	 Paragraph settings: 'Insert here' 'Page break before' selected on text 'Insert here' ✓ (Do NOT allocate mark for Page Break) 	1	1	

•	SC/NSC – Marking Guidelines			
	EXAMINATION NUMBER			
1.8	 File inserted as icon File 1Structure inserted ✓ (Alt + F9) As icon ✓ Icon named as 1Structure ✓ 	1 1 1	3	
1.9	 Caption Picture 'cropped' to remove only text below ✓ Caption label changed to Structure ✓ (Alt + F9, {Seq Structure * alphabetic}) Caption label numbering changed to a, b, c, ✓ 	1 1 1	3	
1.10	 Watermark Text watermark inserted ✓ Text 'Ancient' ✓ Watermark displays only on first page ✓ 	1 1 1	3	
	Total for QUESTION 1		[29]	

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EXAMINATION NUMBER

File name: 2Building

Total Q2: 21

No.	Criteria	М	aximı Mark		Candidate Mark
2.1	 Cover page Exam number inserted in 'Author' form control ✓ Abstract form control removed ✓ (With or without text) 	1 1		2	
2.2	 Page border Page borders removed from document ✓ 	1		1	
2.3	 Table of Contents {TOC\h\z\t"Heading 1,2,Title,1"} Mind-Altering Facts about the Great Pyramid at Giza	1 1 1		3	
2.4	 Page numbering Any automatic page numbering inserted ✓ Page numbers inserted anywhere in the left page margin ✓ (Accept any format containing 'Page') Page after Table of Contents page numbered as 'Page 1' ✓ (No page numbers on or before TOC page) 	1 1 1		3	
2.5	 Table to text Table converted to text ✓ with tabs at 4 cm ✓ Hanging indent set to tab position ✓ Text alignment set to justify ✓ (No mark if table) Any solid paragraph border inserted ✓ 	2 1 1 1		5	
2.6	 Citation Citation displays <u>only</u> author ✓ (Year suppressed. Ignore if Title NOT suppressed.) Page number 'p. 433' inserted ✓ 	1		2	

	SC/NSC – Marking Guidelines						
	EXAMINATION NUMBER						
2.7	 Picture Picture background removed ✓ Text wrapping set to 'Tight'/'Through' ✓ Picture moved to approximate correct position ✓ 	1 1 1		3			
2.8	 Cross reference Cross reference to 'ForEver' bookmark inserted ✓ (Alt + F9, {PAGEREF ForEver \h }) Only page number displays ✓ 	1 1		2			
	Total for QUESTION 2			[21]			

QUESTION 3

File name: 3Tourists

- 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	M	aximu Mark		Candidate Mark				
Data v	Data worksheet								
3.1	 Row 1: Cells A1:I1 merged and centred ✓ Font size increased to 13 (All text) ✓ 	1 1		2					
3.2	Cell C3: =MONTH(A3)			2					
	 MONTH function ✓ (A3) Cell format changed to 'General'/'Text' OR 'Number' with zero decimals ✓ 	1 1							
3.3	Cell C4: =AVERAGE(H8:H19)			3					
	 AVERAGE function ✓ (Ignore if divided by 5) Range: H8:H19 ✓ Cell <u>formatted</u> to show no decimal places ✓ 	1 1 1							
3.4	Cell C5: =SUMIF(B8:B19,"Peak",G8:G19)			3					
	 Criteria range: B8:B19 ✓ Criteria: "Peak" ✓ Sum range: G8:G19 ✓ 	1 1 1							

EXAMINATION			
3.5 Cell I8 (Check for building blocks): =IF(SUM(C8:G8)=H8,"Correct","Error")		7	
OR			
=IF(H8=SUM(C8:G8),"Correct","Error")			
 =IF function in cell I8 ✓ SUM function ✓ Range (C8:G8) ✓ (No mark if absolute cell reference) 	1 1 :e) 1		
 =H8 ✓ Correct output ("Correct") if true ✓ Correct output ("Error") if false ✓ Formula copied to rest of cells ✓ 	1 1 1 1		
 3.6 Conditional formatting (Check for building blocks) Conditional formatting applied to range C8:G19 ✓ To check for below average ✓ ('Below average' rule OR <752293 OR C8<average(\$c\$8:\$g\$19))< li=""> Filled with any colour ✓ </average(\$c\$8:\$g\$19))<>	1	3	
Chart_Grafiek worksheet	I	I	
 3.7 Chart type for 2015 data changed ✓ to column ✓ Legend series 'Year' changed to '2018' ✓ Legend appears to the right of the chart ✓ 1000 separator applied to vertical axis ✓ (Check Axie Options Number setting) Markers inserted ✓ on 2019 data only ✓ 	2 1 1 2 2	7	
Total for QUESTION 3		[27]	

QUESTION 4

File name: 4Visitors

Total Q4: 23

- 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	М	aximı Mark		Candidate Mark
Pyr_P	ir worksheet	•			
4.1	 Page layout Page orientation set to landscape ✓ Row 2 set to repeat at top of each page ✓ 	1 1		2	
4.2	Cell D3 (Check for building blocks): =RIGHT(C3,LEN(C3)-FIND("@",C3)) OR =RIGHT(C3,LEN(C3)-SEARCH("@",C3)) OR =MID(C3,FIND("@",C3)+1,LEN(C3)-FIND("@",C3)) OR =MID(C3,FIND("@",C3)+1,LEN(C3))			5	
	 Determine the position of the @ ✓ in cell C3 with FIND/SEARCH function ✓ Determine the length of string ✓ in cell C3 with LEN function Extract text AFTER ✓ the "@" with MID/RIGHT function ✓ 	1 1 1 1			
4.3	Cell F4: =VLOOKUP(E4,Code_Kode!\$A\$2:\$C\$43,3) OR =VLOOKUP(E4,Code_Kode!\$A\$1:\$C\$43,3) OR =XLOOKUP(E4,Code_Kode!\$A\$2:\$A\$43,Code_Kode!\$ C\$2:\$C\$43) • VLOOKUP OR XLOOKUP function ✓ • Lookup value: E4 ✓ • Table array: Code_Kode!A2:C43 ✓ (OR Code_Kode!\$A\$1:\$C\$43) • Row index number: 3 ✓ • Absolute cell referencing ✓	1 1 1 1		5	

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EXAMINATION		7	
NUMBER			
4.4 Cell H5 (Check for building blocks):		6	
=ROUNDDOWN((((TODAY()-G5)/365.25),0)			
OR			
=ROUNDDOWN(DAYS360(G5,TODAY())/360,0)			
OR			
=ROUNDDOWN(DAYS(TODAY(),G5)/365.25,0)			
OR			
=ROUNDDOWN(YEARFRAC(G5,TODAY()),0)			
OR =TRUNC(((TODAY()-G5)/365.25),0)			
OR =INT((TODAY()-G5)/365.25)			
ROUNDDOWN (,0) ✓ (Allocate mark if INT OR	1		
 TRUNC was used) TODAY() ✓ OR NOW() 	1		
• - v	1		
● G5) ✓	1		
 Correct order of subtraction ✓ / 365.25 ✓ (Accept 365 OR 360 if DAYS360 function) 	1		
was used)			
4.5 Cell I14 (Check for building blocks):		5	
=IF(H14<60,IF(F14="Giza","Yes","No"),"No")			
OR			
=IF(H14<=59,IF(F14="Giza","Yes","No"),"No")			
OR		—	
=IF(H14>=60,"No",IF(F14="Giza","Yes","No"))			
		—	
 Criteria 1: check for <60 OR <=59 ✓ Criteria 2: check for "Giza" ✓ 	1		
 Correct output ("Yes") if both true ✓ 	1		
 Correct output ("No") if both false ✓ 	1		
Correct output ("No") if age (<60) is false ✓	1		
Total for QUESTION 4		[23]	

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	EXAMINATION NUMBER			
QUES	TION 5 File name: 5Egypt		- 7	Fotal Q5: 40
No.	Criteria	Maximum Mark		Candidate Mark
Table:	tbl5_1			
5.1.1	 Field: <i>TSurname</i> Allow for duplicates ✓ (Yes (Duplicates OK)) 	1	1	
5.1.2	 Field: <i>TBirthDate</i> Date displays in 'Short Date' format ✓ 	1	1	
5.1.3	 Field: <i>TAge</i> Decimal places set to 0 ✓ 	1	1	
5.1.4	 Field: <i>EContact</i> Validation rule: Like *@* ○ * ✓ ○ @ ✓ ○ * ✓ 	1 - 1 - 1	3	
5.1.5	 Field: <i>TType</i> Field size changed to 4 ✓ 	1	1	
5.1.6	<pre>Input Mask: <.LL? OR .<ll? <="" pre=""> < ✓ . ✓ (Accept in combination with /, \ or " ") LL ✓ ? ✓ </ll?></pre>	1 - 1 - 1 - 1 -	4	
5.1.7	 Field: <i>PyramidCode</i> Text align is set to 'Center' ✓ 	1	1	
5.1.8	 Field: <i>PyramidSite</i> Combo box created ✓ Row source: tblSites ✓ (14 options in combo box) 	1 -	2	
5.1.9	 Field: <i>TPhoto</i> Any picture inserted for 'Peter Andrews' ✓ 5Andrews picture inserted ✓ (<i>Accept linked icon</i>) 	1	2	
Form:	frm5_2	· ·	•	
5.2	 Fields are in order <i>TSurname, TName, EContact</i> and <i>TPhoto</i> ✓ Examination number replaces the form heading ✓ Date field inserted in form header ✓ (Do not accept typed date) EContact field shaded to any colour ✓ (Accept shadow or shade. Not label) 	1 1 1	4	

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NUMBER													

Query: qry5_3	
 5.3 • Total row switched on ✓ • Pyramid: COUNT ✓ • Site criteria: "Giza" ✓ 	1 3 1 1 1 1
Query: qry5_4	
 5.4 Surname field moved to before Name field ✓ Criteria in BirthDate field: < #1960/01/01# ✓ OR <=#1959/12/31# OR YEAR([BirthDate])<1960 OR YEAR([BirthDate])<=1959 OR LEFT([BirthDate],4)<=1959 Criteria in DomainType field: ".org" ✓ OR ✓ ".edu" ✓ (Accept "*org" OR "*edu") Calculated field: Payable:[VisitorsCost] - ([VisitorsCost] * 0.15) Payable:[VisitorsCost] * 0.85 Calculated field name: Payable: ✓ 	
 Correct field: VisitorsCost ✓ 15% calculated ✓ (*15/100 OR *0.15) Subtracted from VisitorsCost ✓ (*0.85 OR –[VisitorsCost]) (Accept 0.85 OR 85/100 for last two marks) (Expected number of records: 37) 	
Report: rpt5_5	
 5.5 Report saved as rpt5_5 ✓ based on tblVisitors <i>Pyramid</i>, <i>Name</i>, <i>Surname</i>, <i>VisitorsCost</i> fields display ✓ Grouping on <i>Pyramid</i> ✓ Function in <i>Pyramid</i> footer ✓ =MAX ✓ ([<i>VisitorsCost</i>]) ✓ 'Maximum Amount' label added for the function ✓ Border appears around 'Maximum Amount' textbox and appears as currency ✓ (Mark from Print Preview) 	1 8 1 1 1 1 2 1 1 1 1 1
Total for QUESTION 5	[40]

EXAMINATION



QUESTION 6

File names: 6_1NatGeo, 6_2Facts

Total Q6: 20

- This question should be marked from the HTML code.
- Numerical attribute values do not need to be in inverted commas.

No.	Criteria	М	axim Mark	-	Candidate Mark
6_1Na	tGeo				
6.1.1	Centre <center> <h1>PYRAMIDS</h1> The third of complex mortuary temple. Each massive pyramid other features. </center>			2	
	 'Center' OR paragraph and align tags inserted ✓ Text 'PYRAMIDS other features' (including picture) is centred ✓ 	1			
6.1.2	Heading <h1>PYRAMIDS</h1>			3	
	 'Heading 1' tags correctly inserted ✓ 	1			
	 Font tags correctly inserted ✓ 'Font face' set to "Papyrus" ✓ 	1 1		-	
6.1.3	Image 			2	
	 Image tags inserted <i> ✓</i> Image 6Group.jpg ✓ 	1 1		-	
6.1.4	Hyperlink <h2>The Future of the Pyramids</h2>			2	
	 Tags for anchor inserted <a …=""> ✓ To correct web address "www.crystal.com" ✓ 	1 1			

	EXAMINATION NUMBER										
6_2Facts											
	ont size="6">< cts r/>		3 Едур	otian	n Pyra	amid				10	
	No.Questi Answe r> 1. 1.	h> ion er	s are t	he r	nost	well ki	nowi	n?			
	l type="circle Most Ar Saqqara For ove	ncient Eg a is a <	:/li>								
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rc • C • C • C lis • U te • B	ows ✓ cell tags < cell tags cell tags </td <th>/td> inse /td> inse ag ags 'circle' ✔</th> <td>erted erted fo e> inso .</td> <td>or tw erteo</td> <td>vo ro d bef erted</td> <td>ws ✔ ore bu aroun</td> <td>illete d the</td> <td></td> <td>1 1 1 1 1 1</td> <td></td> <td></td>	/td> inse /td> inse ag ags 'circle' ✔	erted erted fo e> inso .	or tw erteo	vo ro d bef erted	ws ✔ ore bu aroun	illete d the		1 1 1 1 1 1		
Clos	ist item tags < ing tag(s), tri ectly used on	angular	brack	cets	and				1	1	
Tota	I for QUESTI	ON 6								[20]	



QUESTION 7 File names: 7Years, 7Invitation, 7Mail, 7InvitationMerged

Total Q7: 20

No.	Criteria	Maximum Mark	Candidate Mark
7Years	5		
Data v	vorksheet		
7.1.1	 Transpose Correct data appears in Data worksheet ✓ Column A is right aligned ✓ 	2 1 1	
Chart	worksheet		1
7.1.2	 Chart Only the data series 2017 to 2019 is displayed ✓ Data labels added ✓ Vertical axis major units changed to 0.2 ✓ 	3 1 1 1 1	
7.1.3	 Chart saved as image (7Chart.jpg) Chart saved as a file ✓ Saved as 7Chart.jpg ✓ 	2 1 1	
Visito	rs worksheet		•
7.1.4	 Cell J3: =COUNTIF(AmountSpent,">14000") COUNTIF function ✓ Named Range: AmountSpent ✓ (OR cell F2:F194) Criteria: ">14000" ✓ 	3 1 1 1 1	
7.1.5	 Data validation: Column E In Validation List Option 'ord' changed to 'org' ✓ OR 'org' added to list Option 'gov' added to list ✓ Validation Rule Source changed to include amendments in validation list for column E ✓ (OR \$M\$4:\$M\$9 OR \$M\$4:\$M\$10 OR 'org' added) 	1 3 1 1 1 1	

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EXAMINATION

7Invita	tion/7InvitationMerged			
7.2.1	Mail Merge (14 records expected)		6	
	 Opening this document will run the following SQL command: SELECT * FROM 'tblVisitors' WHERE 'DomainType' = 'edu' And 'BirthDate' > #1960/12/31# Data from your database will be placed in the document. Do you want to continue? Yes No 7 Invitation linked to data source 7Mail ✓ Data source: DomainType criteria = edu ✓ Data source: BirthDate criteria >=1961/01/01 ✓ OR >1960/12/31 <<name>> replaced with field Name ✓</name> Any date and time field inserted in the footer ✓ to automatically update ✓ 	1 1 1 1 1		
7.2.2	 Merged Document Merged document saved as 7InvitationMerge ✓ 	1	1	
	Total for QUESTION 7		[20]	
	TOTAL		180	