



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

SENIOR CERTIFICATE EXAMINATIONS/ NATIONAL SENIOR CERTIFICATE EXAMINATIONS

COMPUTER APPLICATIONS TECHNOLOGY P1

MAY/JUNE 2024

MARKING GUIDELINES

MARKS: 150

CENTRE- NUMBER																			
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FINAL MARK

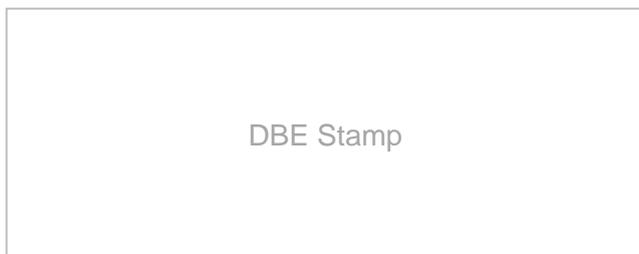
EXAMINATION NUMBER																			
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QUESTION	1	2	3	4	5	6	7	TOTAL
POSSIBLE MARK	26	19	19	21	35	15	15	150
CANDIDATE'S MARK								
MARKER'S CODE/ SIGNATURE								
MODERATED MARK								

These marking guidelines consists of 15 pages.

EXAMINATION NUMBER																				
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2.7	Tiger Picture and Callout Shape <ul style="list-style-type: none"> • Callout shape appears (modified and white fill) ✓ • Text 'Adopt Me!' inserted ✓ (and visible) • Callout shape and image grouped ✓ as one object 	1		3	
		1			
		1			
2.8	Form Controls <ul style="list-style-type: none"> • Drop down item added: Blank option ✓ • Blank option appears as the first item in option list ✓ • <i>Payment Amount</i> field: Number format: R ✓ • <i>Cellphone</i> Number field: Default: +27 ✓ 	1		4	
		1			
		1			
		1			
Total for QUESTION 2				[19]	



DBE Stamp

EXAMINATION NUMBER																			
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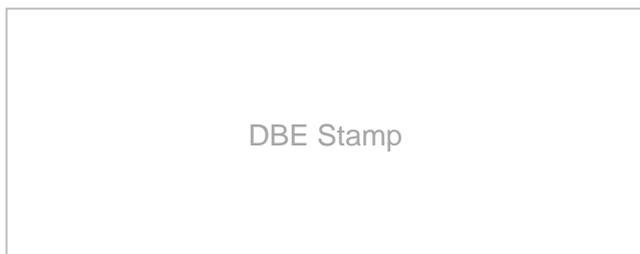
QUESTION 3

File name: 3Budget

Total Q3: 19

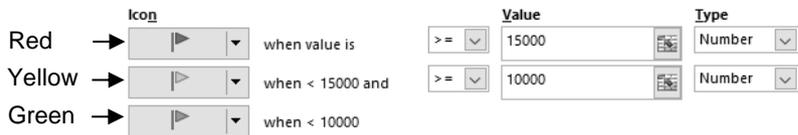
- Mark the questions from the formulae and not the values/answers in the cell.
- Check against candidate's actual work (Cell references may differ, depending on the candidate's response).
- Candidate may use multiple formulae, cells or 'building blocks' to reach answers.
- Named ranges can be used instead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

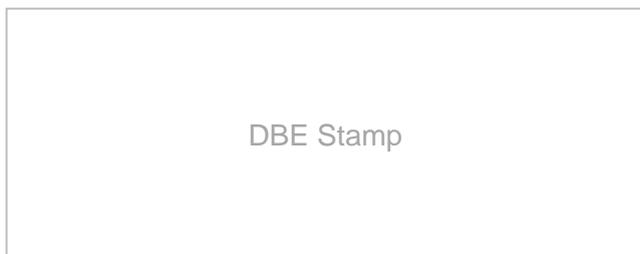
No.	Criteria	Maximum Mark			Candidate Mark
Budget worksheet					
3.1	Tab colour <ul style="list-style-type: none"> • Tab colour: Any orange colour ✓ 	1		1	
3.2	Page Setup: Page and Sheet <ul style="list-style-type: none"> • Correct area: A1:I59 ✓ • Scaling: Fit to: 1 page wide by 1 page tall ✓ 	1		2	
3.3	Cell E3: =SUMIFS(G7:G59,D7:D59,"Mammals",F7:F59,">=2016/01/01") OR =SUMIFS(G7:G59, F7:F59,">=2016/01/01", D7:D59,"Mammals") OR =SUMIFS(G7:G59,D7:D59,"Mammals",F7:F59,">2015/12/31") OR =SUMIFS(G7:G59, F7:F59,">2015/12/31", D7:D59,"Mammals")	1		5	
	<ul style="list-style-type: none"> • SUM range: G7:G59 ✓ • Criteria range 1: D7:D59 ✓ • Criteria 1: "Mammals" ✓ • Criteria range 2: F7:F59 ✓ • Criteria 2: ">=2016/01/01" ✓ OR ">2015/12/31" 	1			
		1			
		1			
		1			
		1			
		1			



DBE Stamp

EXAMINATION NUMBER																				
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3.4	<p>Column H: Conditional formatting</p> <ul style="list-style-type: none"> • Icon: Flag order: Red, Yellow, Green ✓ • Second condition value: >=10000 ✓ • Second condition type: Number ✓ 	1		3	
		1			
		1			
3.5	<p>Cell I7:</p> <p>=SUM(G7*12,H7)*0.0225+SUM(G7*12,H7)</p> <p>OR</p> <p>=SUM(G7*12,H7)*2.25/100+SUM(G7*12,H7)</p> <p>OR</p> <p>=SUM(G7*12,H7)*1.0225</p> <p>OR</p> <p>=((G7*12)+H7)*2.25/100+(G7*12)+H7</p> <p>OR</p> <p>=SUM(G7*12,H7)*2.25%+SUM(G7*12,H7)</p> <ul style="list-style-type: none"> • Determine annual amount of Food budget (G7*12) ✓ • Add Grooming budget to Food budget (H7) ✓ • Calculate 2.25% of existing amount ✓ • Add percentage to existing amount ✓ 	1		4	
		1			
		1			
		1			
		1			
Totals worksheet					
3.6	<ul style="list-style-type: none"> • Data labels: <ul style="list-style-type: none"> • Percentage ✓ • Separator: (space) ✓ • Grass/Hay slice: <ul style="list-style-type: none"> • Angle of first slice: ± 80° ✓ (70° - 90°) • Explosion ✓ (accept any %) 	1		4	
		1			
		1			
		1			
Total for QUESTION 3				[19]	



EXAMINATION NUMBER																				
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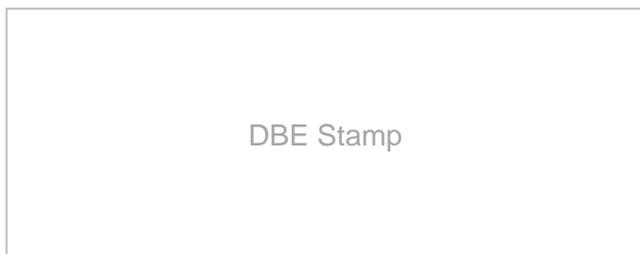
QUESTION 4

File name: 4Excursions

Total Q4: 21

- 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, cells or 'building blocks' to reach answers.
- Named ranges can be used instead of cell references.
- The answers must still be correct even if values are changed in the existing data.

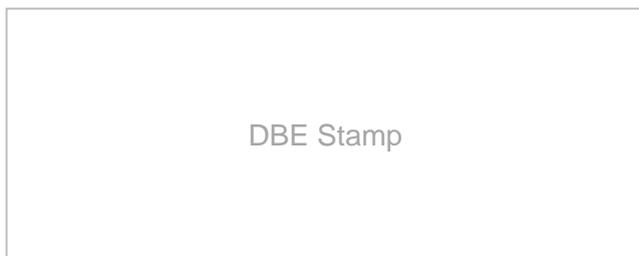
No.	Criteria	Maximum Mark			Candidate Mark
4.1	Worksheet moved • Trip worksheet appears before Q4_6 worksheet ✓	1		1	
Trip worksheet					
4.2	Cell C3: =COUNTIF(E7:E153,"EC") • Function: COUNTIF ✓ • Cell range: E7:E153 ✓ • Criteria: "EC" ✓	1		3	
		1			
		1			
4.3	Cell G3: =MODE(H7:H153) • Function and cell range: MODE(H7:H153) ✓	1		1	
4.4	Cell D7: =CONCATENATE("+27 ",RIGHT(C7,9)) OR =CONCATENATE("+27"," ",RIGHT(C7,9)) OR ="+27 "&(RIGHT(C7,9)) OR ="+27"&" "&MID(C7,2,LEN(C7)) OR =CONCATENATE("+27 ",VALUE(C7)) • Strings combined: CONCATENATE OR & ✓ • Text: "+27" ✓ • Two spaces added: " " OR "+27 " ✓ • Text copied from column C using MID and LEN OR the RIGHT OR VALUE function ✓ • All characters copied from character 2 ✓	1		5	
		1			
		1			
		1			
		1			
		1			



DBE Stamp

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4.5	<p>Cell F13: =ROUNDUP(G13/30,0)</p> <ul style="list-style-type: none"> • Function: ROUNDUP(...,0) ✓ • G13 ✓ • /30 ✓ 	1		3	
		1			
		1			
4.6	<p>Column H: Data Validation</p> <ul style="list-style-type: none"> • Data validation setting: Start Date: 2023/12/01 ✓ • Screenshot of cells H5:H30 pasted in worksheet Q4_6 ✓ • Circle invalid data feature applied ✓ 	1		3	
		1			
		1			
4.7	<p>Cell I12: =IF(OR(Day(H12)=9,DAY(H12)=16),"Badge", "") OR =IF(OR(H12=DATE(2023,12,9), H12=DATE(2023,12,16)),"Badge", "")</p> <ul style="list-style-type: none"> • Correct syntax/logic used: =IF(OR(...), ... , ...) ✓ • Criteria 1: H12=DATE(2023,12,9) ✓ • Criteria 2: H12=DATE(2023,12,16) ✓ • Output if Date is TRUE: "Badge" ✓ • Output if both criteria is FALSE: "" ✓ 	1		5	
		1			
		1			
		1			
		1			
	Total for QUESTION 4			[21]	

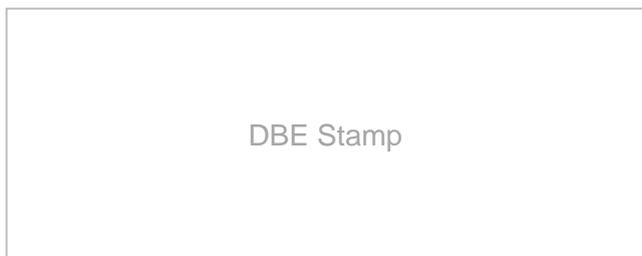


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6_2Fees				
<p>Table</p> <pre> <head> <title>Membership</title> </head> <body> <center> ❶

 <p>Membership Fees</p> <table border="3">❷ <tr> <th colspan="2">Prices</th>❸ </tr> <tr> <td>Adult</td> <td>R820</td> </tr> <tr> <td>Child:4 years and older</td>❹ <td>R300</td> </tr> <tr> <td>Child:3 years and younger</td> <td>FREE</td> </tr> <tr> <td>Pensioner</td>❺ <td>R500</td> </tr> </table> </center> </body> </pre> <p>❶ Contents centred: <center> ...</center> OR <p align="center" ...> and <table align="center" ...> ✓</p> <p>❷ Border size: "3" ✓ (Accept "4" or "5")</p> <p>❸ Colspan="2" ✓</p> <p>❹ Text: R300 inserted ✓</p> <p>❺ Open and close cell tags: <td> ... </td> ✓</p>			5	
	1			
	1			
	1			
	1			
	1			
Closing tag(s) or triangular brackets and nesting correctly used. ✓	1		1	
Total for QUESTION 6			[15]	



EXAMINATION NUMBER																				
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QUESTION 7 **File names: 7Reproduction, 7AccessCard, 7Merged** **Total Q7: 15**
7Pics (folder)

No.	Criteria	Maximum Mark			Candidate Mark											
7Pics																
7.1	File management <ul style="list-style-type: none"> Q7_1 file renamed to Lions ✓ Folder compressed ✓ 	1		2												
		1														
7Reproduction: Q7_2																
7.2	Filter: Filter according to different criteria <ul style="list-style-type: none"> Species: Text Filter: Contains: bear ✓ Reproduction in Captivity: Filter: Very Easy ✓ <p><i>(Expected number of results: 2)</i></p>	1		2												
		1														
7Reproduction: Q7_3																
7.3	Unique values display <ul style="list-style-type: none"> Remove Duplicates applied ✓ <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Mating System Paringstelsel</th> </tr> </thead> <tbody> <tr><td>Polygynous</td></tr> <tr><td>Promiscuous</td></tr> <tr><td>Polygynous (M), Monogamous (F)</td></tr> <tr><td>Monogamous (Alphas Only)</td></tr> <tr><td>Monogamous</td></tr> <tr><td>Polyandrous</td></tr> <tr><td>Unknown</td></tr> <tr><td>Promiscuous (Hermaphroditic)</td></tr> <tr><td>Monogamous & Polygynous</td></tr> <tr><td>Monogamy (Seasonal)</td></tr> </tbody> </table> <p><i>(Expected results: 10 unique mating systems)</i></p>	Mating System Paringstelsel	Polygynous	Promiscuous	Polygynous (M), Monogamous (F)	Monogamous (Alphas Only)	Monogamous	Polyandrous	Unknown	Promiscuous (Hermaphroditic)	Monogamous & Polygynous	Monogamy (Seasonal)	1		1	
Mating System Paringstelsel																
Polygynous																
Promiscuous																
Polygynous (M), Monogamous (F)																
Monogamous (Alphas Only)																
Monogamous																
Polyandrous																
Unknown																
Promiscuous (Hermaphroditic)																
Monogamous & Polygynous																
Monogamy (Seasonal)																
7Reproduction: Q7_4																
7.4	Subtotal <ul style="list-style-type: none"> Reproduction in captivity: Sorted alphabetically ✓ At each change in: Reproduction in captivity Voorplanting in aanhouding ✓ Function used: Max ✓ Subtotal added to: Max.Maks. ✓ 	1		4												
		1														
		1														
		1														

