

Samoa School Certificate

COMPUTER STUDIES

2019

QUESTION and ANSWER BOOKLET

Time allowed: 3 Hours & 10 minutes

INSTRUCTIONS

- 1. You have 10 minutes to read **before** you start the exam.
- 2. Write your **Student Education Number (SEN)** in the space provided on the top right hand corner of this page.
- 3. Answer ALL QUESTIONS. Write your answers in the spaces provided in this booklet.
- 4. If you need more space, ask the Supervisor for extra paper. Write your SEN on all extra sheets used and clearly number the questions. Attach the extra sheets at the appropriate places in this booklet.

C	CURRICULUM STRANDS	Page	Time (min)	Weighting
STRAND 1:	PERSONAL COMPUTER SYSTEM AND MANAGEMENT	2	61	38
STRAND 2:	USING PERSONAL COMPUTER APPLICATIONS	8	119	62
	TOTAL		180	100

Check that this booklet contains pages 2-17 in the correct order and that none of these pages are blank.

HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION

1. Circle the **Document Keys** on the Qwerty Keyboard diagram below.



SL 1

2. State any TWO power problems in Samoa and discuss each.

SL 4

3. List ways that can help solve power problems in Number 2.

SL 3

					SL 3
Accordi	ng to the following s	specification, CIRCLE the size	e for the Prima	ary	
Memory	of this Computer.				
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	Windows edition			Ī	
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		tion. All Windo	ows 10		SL 1
	Windows 10 Pro © 2015 Microsoft Corporat rights reserved.	tion. All Windo	ows 10		SL 1
	Windows 10 Pro © 2015 Microsoft Corporat rights reserved. System				SL 1
	Windows 10 Pro © 2015 Microsoft Corporat rights reserved.	Intel(R) Core(TM) i3-4010U CPU @ 1.70GHz 1.70			SL 1
	Windows 10 Pro © 2015 Microsoft Corporat rights reserved. System————— Processor:	Intel(R) Core(TM) i3-4010U CPU @ 1.70GHz 1.70			SL 1
	Windows 10 Pro © 2015 Microsoft Corporat rights reserved. System Processor: Installed memory (RAM):	Intel(R) Core(TM) i3-4010U CPU @ 1.70GHz 1.70 1.00 GB	GHz		SL 1
	Windows 10 Pro © 2015 Microsoft Corporat rights reserved. System————————————————————————————————————	Intel(R) Core(TM) i3-4010U CPU @ 1.70GHz 1.70 1.00 GB 32-bit Operating System, x64-based processor No Pen or Touch Input is available for this Display	GHz		SL 1
	Windows 10 Pro © 2015 Microsoft Corporat rights reserved. System Processor: Installed memory (RAM): System type: Pen and Touch:	Intel(R) Core(TM) i3-4010U CPU @ 1.70GHz 1.70 1.00 GB 32-bit Operating System, x64-based processor No Pen or Touch Input is available for this Display	GHz		SL 1
	Windows 10 Pro © 2015 Microsoft Corporat rights reserved. System————————————————————————————————————	Intel(R) Core(TM) i3-4010U CPU @ 1.70GHz 1.70 1.00 GB 32-bit Operating System, x64-based processor No Pen or Touch Input is available for this Display workgroup settings	GHz /		SL 1
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	SL 1
List TWO advantages of organizing and grouping files properly within a directory.	
	SL 2
Use the following file pathway to answer Number 9.	
R:\Samoa 2019\Pacific Games\Weight Lifting\Gold Medal.txt R:\Samoa 2019\Pacific Games\Netball\Bronze Medal.docx	
Alex move Gold Medal.txt file into folder Netball. Write the new file pathway for Gold Medal.txt.	
	SL :
Jaracz was trying to enter numbers using the Numeric Keypad. The cursor moves but does not show any numbers. What seems to be the problem?	

	SL
	_
Evalais what as anti-virus is and provide as avample of as anti-virus programs	
Explain what an anti-virus is and provide an example of an anti-virus program	•
	SL
	
	<u> </u>
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Discuss with examples the following ethical issues.	_
Discuss with examples the following ethical issues.	_
	SL
Discuss with examples the following ethical issues. (i) Information Piracy:	SL
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	SL
	SL
	SL
(i) Information Piracy:	SL
	SL
(i) Information Piracy:	SL

•	Explain with an example how to maintain the environmental conditions required by a computer.	
		SL 3
	Differentiate between Cold Start and Warm Start.	
	Differentiate between Cold Start and Warm Start.	SL 2
	Differentiate between Cold Start and Warm Start .	SL 2
	Differentiate between Cold Start and Warm Start.	SL 2
	Differentiate between Cold Start and Warm Start.	SL 2
	Differentiate between Cold Start and Warm Start.	SL 2
	Differentiate between Cold Start and Warm Start.	SL 2
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	Differentiate between Cold Start and Warm Start.	SL 2

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18. Identify by labeling <u>ribbon</u> from the diagram below.

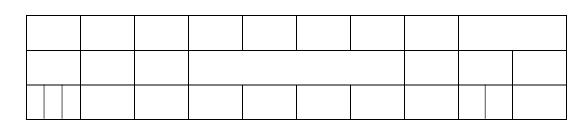


SL 1

19. List any TWO principles of Word Processing.

SL 2

Use the table below to answer Number 20.



20. List formats used in the table above.

SL 2

	"Shoes and other gear are running, but they are not the and hard work are the Kuras, who won gold in the no shoes, urges other prefer not to wear them.	IVI PACIFIC GAPIES	only there to help us be more comfortable when reason why we win. Our talent, determination reason why we win." – Vanuatu's Margaret women's half marathon running in socks, but Pacific island runners to ditch the shoes if they	
				SL 3
			·	
22.	Explain with an example,	the purpos	se of <i>backup file</i> in Word Processing.	
				SL 3

21. Name and explain the format applied to the object in the middle of the text

below.

23.	From the list of fonts below, which font is recommended as an appropriate font for a Wedding Invitation and a Newsletter ?	
	(i) Times New Roman (ii) Britannic Bold (iii) Aharoni (iv) Edwardian Script (v) Arial Unicode MS	
	Wedding invitation	SL 2
	Newsletter	
24.	List purposes for Find and Replace option in MS Word.	
		SL 2
25.	The school secretary always uses the <u>Print Preview</u> option before she prints her report. List TWO reasons why the secretary uses this option.	
		SL 2

26.	Underline a Spreadsheet Program from the list below:				
	MS PowerPoint	SL 1			
	Gnumeric				
	Dbase				

Use the Spreadsheet below to answer Numbers 27 – 33.

Open Office Calc.

	J21 ▼ (j	Sec .	
4	А	В	С	D
1	TALOFA SUPE	RMARK	ET - PAY	'ROLL
2				#NAME?
3	Employee	Hours	Rate	Net Salary
4	Joan	40	\$3.00	\$120.00
5	Ethan	20	\$5.00	\$100.00
6	Simon	35	\$5.80	\$203.00
7	Mal	45	\$2.50	\$112.50
8	Togii'a	35	\$6.00	\$210.00
9	Natanya	40	\$4.00	\$160.00
10	TOTAL NET SALARY			
11	AVERAGE NET SALARY			
	TOTAL NUMBER OF			
12	EMPLOYEES			

12	LWFLOTELS	
7.	What do you call the cell that appears in the Name Box?	
		SL 1
8.	Name the cell type for cell D4.	
		SL 1
9.	What will be the new cell address in the Name Box if you press the <i>Home</i> Key on the Keyboard?	
		SL 1

30.	What causes the entry error in cell D2?	
		SL 1
31.	Name the formats for the following cell address.	
	(i) B10	
	(ii) A12	SL 4
	(iii) C4	
	(iv) D3	
32.	Write the correct formula or function for the following:	
	(i) Net Salary	SL 4
	(ii) Total Net Salary	
	(iii) Average Net Salary	
	(iv) Total Numbers of Employee	
33.	Explain how to create a column graph for Employees and their Net Salary; save the graph into a new sheet and name it CHART.	
		SL 3

34.	Define Database Management System.	
		SL 1
35.	What is a Dynaset in Database?	
		SL 1
36.	What is the purpose of the <i>Primary Key</i> in Database?	Г
		SL 1
_		
37.	Describe TWO advantages of using a database.	
		SL 2
38.	Tables and Forms are examples of database objects. List the other TWO database objects.	
	(i)	SL 2
	(i)	
	(ii)	

Explain each database object you listed in Number 38 and give example each.	es for
	SL 3
The falls of the form of the house of a Botal and table	
The following icons are at the bottom of a Database table. Name the following icons.	
→ ₩	SL 2
▶	
What is the difference between a Flat file and a Relational Database ?	
Give examples for each.	
	SL 3

42.	Explain the purpose of a Query with a Criteria. Give an example.	
		SL 3
	·	
		

Use the Student table below to answer Numbers 43 – 45.

STUDENT TABLE

STUDENT ID	STUDENT NAME	BIRTHDATE	GENDER	SCHOOL FEE
190014	Susana Kelemete	16 May 2003	Female	\$400.00
190022	Teo David	22 Feb, 2004	Male	\$300.00
190144	Kimberly Tipasa	21 Dec, 2003	Female	\$450.00
190124	Alex Mauia	22 Nov, 2003	Male	\$520.00
191442	Chad Lafaele	12 Mar, 2003	Male	\$120.00

43. Fill in the data types for the following fields.

Field Name	Data types
STUDENT ID	
STUDENT NAME	
BIRTHDATE	
SCHOOL FEE	

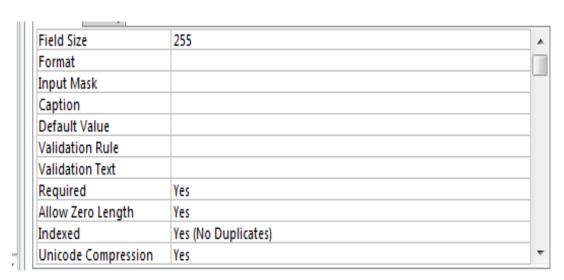
SL 4		
	SL 4	SL 4

44. Create a Simple Query using information from the table on page 15. Write a query for all students who were born in 2003 and show their Student ID's. Sort Student Names in ascending order.

FIELD			
TABLE			
SORT			
SHOW			
CRITERIA			
OR			

SL 3

45. Fill in the Field Properties for Gender Field using the Validation Rule and Validation Text.



SL 4

STUDENT EDUCATION NUMBER									

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2019

(For Scorers only)

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	TOTAL	100		