

Samoa Secondary Leaving Certificate

FOOD AND TEXTILES TECHNOLOGY

2020

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.

CURRICULUM STRANDS		Page	Time (min)	Weighting
STRAND 1:	FOOD AND NUTRITION	2	52	29
STRAND 2:	CARING FOR THE FAMILY	7	43	24
STRAND 3:	CONSUMER RESPONSIBILITIES	11	29	16
STRAND 4:	DESIGN AND TEXTILES	14	7	4
STRAND 5:	DESIGN UNDERSTANDING	15	49	27
	TOTAL		180	100

Check that this booklet contains pages 2-20 in the correct order and that none of these pages are blank.

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

TR	TRAND 1: FOOD AND NUTRITION We	
1.	State a method of commercial food preservation .	
		SL 1
•	Describe the nutritional consequence of the commercial food preservation mamed in Number 1.	nethod
		SL 2
•	Name the government ministry in Samoa which is responsible for regulating food industry.	g the
	Describe how the government ministry regulates the standards for food preparation such as personal, kitchen and food hygiene.	
		SL 2

Define convenience food .	
	SL 1
	
Define the term dehydration in relation to food.	
<u>.</u>	SL :
State ONE information about a product that is often indicated on a product label .	
state ONE information about a product that is often indicated on a product label.	SL:
Explain why companies preserve food in bulk .	
	SL 3
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Define vegetarian.	
	SL 1
Explain why Vitamin C is essential for proper functioning of the body.	_ L
	SL 3
	-
Describe the role of foods high in dietary fiber in digestion.	SL 2
	- 51.2
	Explain why Vitamin C is essential for proper functioning of the body.

Explain why moulds grow on foods.	
	SL
	
Joanna is a diabetic patient. She goes to eat in restaurants often and today she chooses a meal as follows:	
Fried chicken and large chips Ice cream and cakes Large cup of sweet hot milo with fresh full cream milk	
Critique this choice of foods by Joanna and provide alternatives that would better suit her diabetic status.	
	SL

4.	"If you are managing diabetes, drinking a lot of water is very important." Discuss the importance of hydration for diabetic patients. Use examples to support your discussion.	
		SL 4

STF	AND 2:	CARING FOR THE FAMILY	Weighting 24
15.	Define hosp i	itality.	
			SL 1
16.	Describe the	type of clothing suitable for construction work .	
			SL 2
	population su	o the research done by FAO of the United States, 63% of the united States, 63% of the uffers from obesity and 89% are overweight. Adult diabetes to 46% in 2014".	
17.	which Samoa	ce to the above statement, discuss an effective strategy thens can work together to combat nutritional related discusport your answer.	
			SL 4

State the meaning of personal presentation .	
	SL :
State ONE of the goals of the Samoa National Food and Nutrition Policy.	
	SL :
 _	
State a nutritional cause of high blood pressure .	
	SL:
Explain how working parents can best meet the dietary and nutritional needs of the members of their households.	
	SL

Gout occurs from a buildup of urate crystals in the joints, causing inflammation and therefore intense pain. Name the substance that urate crystals are made from.	
	SL 1
State ONE health risk factor that a pregnant woman must avoid.	
	SL 1
Define good personal hygiene .	
	SL 1
Give an example of a nutritious snack .	
	SL 1
The modern day take-away meals often contain very high content of unhealthy fats. Explain the negative effect of regularly eating meals that have very high levels of unhealthy fats.	
	SL 3
	State ONE health risk factor that a pregnant woman must avoid. Define good personal hygiene. Give an example of a nutritious snack. The modern day take-away meals often contain very high content of unhealthy fats. Explain the negative effect of regularly eating meals that have very high

		SL

AND 3:	CONSUMER RESPONSIBILITIES	Weighting 16
Define unsatisfac	tory goods in terms of food production.	
		SL 1
Define Resource I	Management in terms of food production.	
	-	SL 1
Define service pro	ovider in the context of food safety.	
		SL 1
	_	
Explain the relation to fast foods.	nship between food production and food promoti	i on in relation
		SL 3
		
	·	
	Define Resource I	Define unsatisfactory goods in terms of food production. Define Resource Management in terms of food production. Define service provider in the context of food safety. Explain the relationship between food production and food promotion.

satisfaction with any food product". **32.** You wish to partner in a business that specializes in **coconut ice cream** products. Discuss the process you will undertake to evaluate the product and to determine whether it will be a successful food business base. SL 4 33. State a consumer right. **34.** An important feature of food production is **goal setting**. Define the term goal setting in the context of food production. SL 1

"Product evaluation by customers is a critical first step to ensuring customer

	SL
Food security is a great challenge for Samoa and other Pacific nations due to changes in what people eat, lifestyle habits and high dependency on imported coods.	
Explain how food security at household level can be improved by the Samoan ecople.	
	SL

Colour is an important element in fabric design and an essential step in the textile production process. Fabrics and completed items may be either dyed or printed to alter natural colours of fibers.

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STRAI	ND 5: DESIGN	PROCESS	Weighting 19
38. D	efine the term perceived need .		
_			SL 1
_			
	xplain the relationship between the roduct.	<u>construction</u> and the <u>des</u> i	ign brief of a
			SL 3
_			
_			
_			
_			
0 . S	tate the meaning of equipment in th	ne context of textiles tech	nology.
_			SL 1

A clothing company called PMX is struggling to keep up with its competitors. The company's clothing designs aren't appealing to their customers and as a result, they are losing profit.

Use the scenario below to answer Numbers 41 - 44.

Describe a design brief to address this pro	oblem.	
		SI
Explain the choices of materials, equipm	ent and processes and their importance	
in achieving the outcomes of your design	brief.	
		SI
		31

							SL
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What type of or	ganisation s	tructure usu	ually leads to	the failure	of a comp	anv?	
Discuss how su	ch an organ	izational str	ucture can b	the failure e changed	of a comp to improve	any?	
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What type of or Discuss how su company's prof	ch an organ	izational str	ucture can b	the failure e changed	of a comp to improve	any?	SL

Define design specification.	
	SL 1
State the meaning of closed design brief .	
	SL 1
An elegant design usually has a thematic vision that drives its creation.	
Describe a product outcome in terms of its elegance .	
	SL 2
	
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	SI
Your family has a small textiles factory that has been running for a few years.	
There is a need to improve the quality of your products to keep up with your competitors.	
List TWO reasons why you would choose to conduct interviews with your current	
employees before making the necessary changes to improve your products.	
	SI

STUDENT EDUCATION NUMBER									

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(For Scorers only)

cu	IRRICULUM STRANDS	Weighting	Scores	Chief Scorer	Double Entry (AED)
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	TOTAL	100			