MINISTRY OF EDUCATION & CULTURE

STUDENT EDUCATION NUMBER									

Samoa Secondary Leaving Certificate

FOOD and TEXTILES TECHNOLOGY

2025

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 paper to write your answers, ask the Supervisor for extra paper. Write your SEN on all extra sheets used and clearly number the questions. Attach the extra sheets to the appropriate places in this booklet.

STRANDS		Page	Time (min)	Weighting
STRAND 1	DESIGN PROCESS	2-3	18	10
STRAND 2	FOOD AND NUTRITION	4-9	54	30
STRAND 3	CARING FOR THE FAMILY	10-13	36	20
STRAND 4	CONSUMER RESPONSIBILITIES	14-17	36	20
STRAND 5	DESIGN AND TEXTILES	18-22	36	20
TOTAL			**180**	**100**

Check that this booklet contains pages 2 - 23 in the correct order and that none of these pages are blank.

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

For Question 1, choose and write the LETTER of the correct answer in the box provided.

1. A **perceived need** can best be defined as:

   A. a government policy.
   B. an automatic solution.
   C. a recognized gap or demand.
   D. an actual financial requirement.

SL 1

2. Customers often complain about long *"wait-times"* at a service counter.

   List **TWO** methods a manager could use to gather information on customer perceptions.

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SL 2

3. A start-up company needs a new logo to represent its brand identity.

   Explain the purpose for creating a design brief for the company's new logo.

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SL 3

4. Traffic congestion is increasing in Apia, Samoa, and new roads are being planned.

Discuss **ONE** method the Samoan government could use to gather community feedback on the design of these new roads. Support your answer using examples.

SL 4

For Questions 5 to 10, choose and write the LETTER of the correct answer in the box provided.

5. Commercial food is preservation to:

   A. help food grow faster.
   B. stop it from going bad.
   C. make food easier to digest.
   D. make food look more colourful.

SL 1

6. Maintaining proper temperature control during food storage and processing is crucial for:

   A. enhancing the flavor of the food.
   B. increasing the nutritional value of the food.
   C. reducing the packaging costs of the food product.
   D. preventing the growth of harmful microorganisms.

SL 1

7. Iron is a vital component of hemoglobin, which is responsible for:

   A. clotting blood to stop bleeding.
   B. maintaining proper nerve function.
   C. regulating the body's metabolic rate.
   D. transporting oxygen throughout the body.

SL 1

8. A food processor, as illustrated in the picture, is categorized as a:

   A. large appliance.
   B. small appliance.
   C. piece of bake ware.
   D. cooking fuel source.

Source: *https://www.google.com*

SL 1

9. The most important step when using any new kitchen equipment is to:

   A. plug it in and test all the settings.
   B. quickly scan the manual for key features.
   C. carefully read and understand the manufacturer's instructions.
   D. ask someone who has used it before for a quick demonstration.

SL 1

10. To improve the task of managing food waste at home, a helpful approach is to:

A. avoid storing food in airtight containers.
B. buy large quantities of perishable items on sale.
C. plan meals to utilize leftovers in subsequent dishes.
D. throw away leftovers immediately to avoid spoilage.

SL 1

11. A restaurant must follow food safety rules to keep its food safe and kitchen clean.

Discuss **ONE** food industry regulation that helps ensure safe food preparation. Support your answer with an example.

SL 4

12. A company buys fresh tomatoes in bulk, dries and cans them, and sells them later at a higher price.

Explain **ONE** way in which preserving food in bulk helps a company make a profit.

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SL 3

13. A young athlete is consuming a diet, high in protein and is constantly experiencing fatigue and slow carbohydrates recovery from injuries.

Describe how the addition of micronutrients to an athlete's diet can improve their performance.

Sources: *https://www.stylecraz.com*

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SL 2

14. The final product needed is a nutritious meal for a teenager.

Describe **ONE** item that should be included in the design brief for this product.

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SL 2

15. People with special diets, like diabetes, must choose food carefully to stay healthy.

Source: *https://www.canva.com*

Discuss the importance of considering the nutritional value of foods for people with diabetes who have special dietary requirements. Support your answer with an examples.

SL 4

16. At a school canteen, large trays of taro and chicken stew are cooked and served to students throughout the week.

Explain **ONE** way preparing a nutritious meal in bulk. (e.g. taro and chicken stew) can be economical.

SL 3

17. At a school event, catering feedback showed food was tasty, but service was slow and some meals were cold.

Discuss **ONE** recommendation to improve catering services based on the feedback. Support your discussion with examples.

SL 4

Refer to the picture below to answer Question 18.

Source: *https://www.google.com*

18. List **TWO** safe methods for thawing frozen vegetables quickly.

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SL 2

For Questions 19 to 21, choose and write the LETTER of the correct answer in the box provided.

19. Which of the following would be a healthy lunch choice for a school-aged child?

    A. Fried chicken and fries.
    B. Chocolate bar and soda.
    C. Packaged chips and soft drink.
    D. Wholegrain sandwich, fruit, and water.

SL 1

20. The foods illustrated in the picture are important for preventing nutrition-related diseases because they:

Sources: *https://www.google.com*

    A. are cheap and easy to store for long periods.
    B. contain a lot of added sugars and saturated fats.
    C. have the same nutritional value as processed foods.
    D. provide essential nutrients like fiber, vitamins and minerals.

SL 1

21. Which of the following social factors leads to poor dietary habits among young people?

    A. Education about balanced diets.
    B. Family traditions of eating healthy meals.
    C. Media advertisement on unhealthy foods.
    D. Government programs promoting nutrition.

SL 1

22. School lunches must help children stay active and healthy.

List **TWO** important nutrient requirements for school-aged children.

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SL 2

23. Elderly men and woman feel cold easily and struggle to fasten buttons due to joint pain.

Explain **ONE** way in which inappropriate clothing can affect the health of elderly people.

Source: *https://www.123RF.com*

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SL 3

24. In the tourism industry, customers expect hotel staff to always maintain a clean and professional appearance.

Explain **ONE** public expectation regarding the personal presentation of employees in the tourism industry.

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SL 3

Refer to the picture below to answer the questions that follows.

Source: *https://www.google.com*

25. List **TWO** possible causes of NCDs that can result from a teenager's choice of food.

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SL 2

26. The rise in fast food consumption has led to an increase in obesity and other nutrition-related diseases.

Discuss what a family can do to reduce nutrition-related diseases. Support your answer with examples.

SL 4

27. Workplace injuries and health problems are rising due to poor safety measures.

Explain **ONE** strategy for improving the health of people in the workplace.

SL 3

For Questions 28 to 30, choose and write the LETTER of the correct answer in the box provided.

28. Which of the following is a common reason for the increased consumption of fast food?

    A. Longer cooking times.
    B. High preparation costs.
    C. Convenience and quick service.
    D. Availability of organic ingredients.

SL 1

29. Teamwork is important in a food service environment because it:

    A. limits individual creativity.
    B. slows down food preparation.
    C. increases the need for supervision.
    D. ensures efficient service and smooth operations.

SL 1

30. The main reason for regularly cleaning technological equipment used in food handling is to:

    A. prevent food contamination.
    B. make the equipment easier to operate.
    C. reduce the equipment's energy consumption.
    D. improve the aesthetic appearance of the equipment.

SL 1

31. List **TWO** common issues people might experience during a hotel visit.

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SL 2

32. Proper storage prevents rust and damage to kitchen tools and machines.

Source: *https://www.canva.com*

List **TWO** correct ways to store food production equipment after use.

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SL 2

33. A family wants to save more money each month.

Source: *https://www.canva.com*

List **TWO** ways a family can manage resources wisely.

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SL 2

Refer to the advertisement below to answer Question 34.

Source: *https://www.google.com*

34. Discuss **ONE** way in which food promotions influence the consumption of fast food among people in Samoa. Support your answer with an example.

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SL 4

35. The food services, catering, and hospitality sectors are commonly regarded as entry-level pathways into the workforce.

Explain **ONE** advantage that experience in the food services industry can offer for future job opportunities.

SL 3

36. A consultant is tasked with helping struggling restaurants improve their operations and customer satisfaction.

Discuss **ONE** key solution the consultant should focus on to enhance customer satisfaction in a struggling restaurant. Support your answer with an example.

SL 4

For Questions 37 to 39, choose and write the LETTER of the correct answer in the box provided.

37. Which of the following is an example of a synthetic fabric?

A. Silk
B. Wool
C. Linen
D. Polyester

SL 1

38. A yarn in the context of textiles is a:

Source: *https://www.canva.com*

A. Machine use for weaving cloth.
B. Chemical used in textile dyeing.
C. Fabric made directly from raw fibre.
D. Continuous strand made from spun fibres.

SL 1

39. Which of the following fabric properties makes it ideal for roller printing?

A. High elasticity
B. Uneven surface
C. High pile texture
D. Smooth, flat surface

SL 1

Use the information below on kitchen towels to answer Question 40.

Fabric A: *Is made from loosely twisted cotton yarns in a terrycloth construction.*

40. Discuss the suitability of **Fabric A** for use as a kitchen towel, focusing on the fabric performance characteristic of water absorbency.

SL 4

Refer to the picture below to answer Question 41.

Source: *https://www.google.com*

41. Explain the process of weaving as a method of fabric construction.

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SL 3

42. A manufacturer needs a strong and long-lasting fabric for outdoor gear like backpacks and tents.

Describe **ONE** characteristic of synthetic materials that makes them suitable for tents or backpacks.

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SL 2

43. A client needs a strong, washable fabric for reusable shopping bags.

Describe **ONE** way to treat a fabric to make it washable for reusable shopping bags.

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SL 2

44. Alofa is tasked with designing and creating a small textile artwork using only recycled fabric scraps.

Source: *https://www.google.com*

List **TWO** steps Alofa would take in developing a design brief for her textile artwork.

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SL 2

45. The strong fishing nets commonly used by local fishermen in Samoa are often made of nylon.

Source: *https://www.google.com*

Discuss **ONE** characteristic of nylon that contributes to its durability in textile applications. Use the fishing net as an example to support your answer.

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SL 4

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SSLC FOOD and TEXTILES TECHNOLOGY

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(For Scorers only)

STRANDS		Weighting	Scores	Check Scorer	AED Check
STRAND 1	DESIGN PROCESS	10			
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TOTAL		**100**			