



STUDENT EDUCATION NUMBER									

Samoa National Junior Secondary Certificate

FOOD and TEXTILES TECHNOLOGY 2022

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 at the appropriate places in this booklet.

STRANDS		Page	Time (min)	Weighting
STRAND 1	FOOD AND NUTRITION	2-3	18	10
STRAND 2	CARING FOR THE FAMILY	4-8	54	30
STRAND 3	CONSUMER RESPONSIBILITIES	9-11	36	20
STRAND 4	DESIGN AND TEXTILES	12-14	36	20
STRAND 5	DESIGN PROCESS	15-17	36	20
TOTAL			180	100

Check that this booklet contains pages 2-18 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, write the letter of your best answer in the box provided.

1. Which of the following is the major source of food spoilage?

- A. Bacteria and rats.
- B. Micro-organisms and enzymes.
- C. Micro-organisms and cooking.
- D. Bacteria and smoking

SL 1

2. List **TWO** appropriate personal hygiene practices when preparing food.

SL 2

3. Explain why Vitamin C is an important nutrient for the body.

SL 3

4. Mele has a budget of \$10 tala to spend on a balanced meal for a family of four. Mele wants to make a meal of soup with vegetables and meaai aano (staple food).

Discuss how she can stretch her budget to include:

- (a) Body building food;
- (b) Energy food;
- (c) Protective foods – 2 types of vegetables she can use to make soup.

SL 4

For Questions 5 – 10, write the letter of the best answer in the box provided.

5. The health benefits of a balanced diet is that an individual:
- A. receives one kind of nutrient in his/her meals.
- B. can buy processed food every day.
- C. will eat hot white bread and rice daily.
- D. receives a variety of nutrients at every meal.
- | |
|------|
| SL 1 |
| |
6. Which of the following defines a person's role in the family?.
- A. Taking part in the church program.
- B. Doing what they want to do when they go to Apia.
- C. The part they play at home.
- D. Playing with friends.
- | |
|------|
| SL 1 |
| |
7. Which of the following best defines the role of a male teenager in a Samoan family?
- A. Doing outdoor chores like cooking the umu.
- B. Leading the family prayers in the evening.
- C. Washing the baby's clothes.
- D. Growing ornamental flowers around the house.
- | |
|------|
| SL 1 |
| |
8. Which traditional value regarding brother and sister roles are changing due to modern thinking and attitudes?
- A. Fa'ase'e – brother, sister jokes.
- B. Fa'ataupati – brother dance routine.
- C. Fiapule – brother, sister rivalry.
- D. Feagaiga – brother, sister covenant.
- | |
|------|
| SL 1 |
| |

9. The main **causes** for the increase of NCDs in Samoa would be:

- A. poor diet, lack of exercise, smoking and alcohol.
- B. poor diet, no stress, no alcohol, no smoking.
- C. poor diet, walking, alcohol and rest.
- D. poor diet, jogging, gardening, and rest.

SL 1

10. For which of the following situations will help be most needed?.

- A. Elderly couple living with children.
- B. Elderly family member living alone.
- C. Elderly uncle who is active.
- D. Elderly aunty who lives with a friend.

SL 1

11. Describe an expectation that exists for a teenage girl of a Samoan family living in Falealili (rural area).

SL 2

12. Your two older siblings went to New Zealand on the Government Fruit Picking Scheme. You are now the eldest male in your family. You live with your parents, your elderly grandfather and two younger brothers.

Discuss changes you will make to cope with the new role and responsibility.

SL 4

13. List **TWO** problems that can affect a person’s health and well-being if he/she does not do enough physical activity.

SL 2

14. Compare the activity cycle and eating patterns of your grandfather (the past) and your father (the present).

SL 3

15. Discuss why the elderly people in the family need special care.

SL 4

16. List **TWO** ways to stop the spread of the COVID-19 virus among family members.

SL 2

17. Explain why safe handling is important when using an **ELECTRIC JUG** in your home.

Lined area for writing the answer to question 17.

SL 3

18. Discuss how technology has impacted the soifua maloloina (health and well-being) of family members.

Lined area for writing the answer to question 18.

SL 4

For Questions 19 – 21, write the letter of your BEST answer in the box provided.

19. To which of the following situations is the consumer’s ‘Right to Redress,’ apply?.

- A. The shopkeeper sells goods when the use by date is expired.
- B. Goods sold are new and fresh.
- C. Selling hot cooked food.
- D. Selling goods before the use by date.

SL 1

20. What is the first important thing in setting a goal?.

- A. A goal must be something that is very difficult to achieve.
- B. A goal should be something your mother wants.
- C. A goal must have a benefit for your whole family.
- D. A goal must have a benefit for you to help you stay committed.

SL 1

21. Which of the following is the best definition of the term budgeting?.

- A. Buying without a list.
- B. Shopping according to the money available.
- C. Shopping only at the village shop.
- D. Buying few expensive items.

SL 1

22. School children are used by a Company to advertise cheap sweet drinks to drink after playing a game of rugby.

List **TWO** negative effects of this type of advertising on young children?.

SL 2

23. Describe **ONE** method of managing food resources in **URBAN** areas.

SL 2

24. Explain why good management of food resources available in a **RURAL** environment is important.

SL 3

25. Explain how **TIME** management skills can enhance family living.

SL 3

For Questions 28 – 30, write the letter of your best answer in the box provided.

28. The term Textile refers to:

- A. fibres like hair and straw.
- B. any type of wire or rope.
- C. any type of cloth or fabric.
- D. fibres of animal skin and fur.

SL 1

29. Which of the following colours can make people feel warm?.

- A. Red, orange and yellow.
- B. Blue, purple and green.
- C. Black, grey and white.
- D. Brown, turquoise and pink.

SL 1

30. The following are all parts of the sewing machine **EXCEPT**:

- A. hand wheel, spool pin, guide.
- B. needle, teeth, pressure foot.
- C. bobbin case, bobbin winder, tension lever.
- D. screw top, tuner dial, convex speakers.

SL 1

31. List **TWO** examples of natural yarn.

SL 2

32. List **TWO** examples of synthetic yarns.

SL 2

33. Explain why there was a need to develop regenerated cellulose and synthetic fibres.

SL 3

34. Discuss the strength and resilience properties of **Cotton** and **Rayon** using examples.

SL 4

For Questions 37 – 39, write the letter of your best answer in the box provided.

37. Specifications in the development of a design brief tells us:

- A. where the owner comes from.
- B. what the outcome of the product will be.
- C. who the supervisor is.
- D. how to operate the machine.

SL 1

38. Which of the following is good practice when manufacturing and developing a product?.

- A. Inform everyone you are the boss, so they should listen.
- B. Inform people to stay safe and work by themselves.
- C. Stay safe and be responsible when working with others.
- D. Stay safe and clear from the responsibility of others.

SL 1

39. A design brief that asks for work to be carried out on a prototype means the design:

- A. is well known.
- B. is easy to make.
- C. will flatter the model.
- D. has never been made before.

SL 1

40. Describe a design specification as a part of a design brief.

SL 2

41. List **TWO** stages of the design process.

SL 2

42. Explain the differences between the 'design brief' and 'design'.

SL 3

43. Product evaluation is the process of assessing a product's suitability and safety for use by consumers. List **TWO** questions that are usually asked during the evaluation of a product.

SL 2

44. A client has asked you to design an environmentally friendly bag to use for shopping in Apia.

Discuss how you will communicate your design to your client, in oral and written ways, so that they believe that your design is a good one.

SL 4

45. Write a **design brief** for a **Textile Item** that YOU want to work on independently. Use examples.

SL 4

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2022

(For Scorers only)

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TOTAL		100			