**441/1**

**NAME…………………………………………….……. INDEX NO………..…………………..**

**SIGNATURE……………………………….………………DATE……………………………..**

**MUHURI MUCHIRI HIGH SCHOOL**

**FORM 4 END OF TERM 1 EXAMINATION**

**JUNE - 2022**

**Date………………………………………..**

ASUMBI GIRLS HIGH SCHOOL

POST -MOCK 1

AUGUST/SEPTEMBER

2022

**AUGUST / SEPTEMBER - 2022**

HOME SCIENCE

PAPER 1

(THEORY)

2½ HOURS

**INSTRUCTIONS TO CANDIDATES**

* This paper contains 3 sections: A, B and C
* Answer **ALL** questions in section A and B and choose any TWO from section C
* Write your name and admission number in the spaces provided above.
* Sign and write the date in the spaces provided above.
* All answers should be written in the spaces provided on the question paper.
* Candidates should answer the questions in English.

***For official Use Only***

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| --- | --- | --- | --- |
| **SECTIONS** | **QUESTION** | **MAX. SCORE** | **ACTUAL SCORE** |
| A | 1 – 30 | 40 MARKS |  |
| B | 31 | 20 MARKS |  |
| C | 32,33,34 | 40 MARKS |  |
| **TOTAL** | | |  |

*This paper consists of 16 printed pages. Candidates should check the question paper to ascertain that all the pages are printed as indicated and no questions are missing.*

**SECTION A: (40 MARKS)**

Attempt ALL questions in this section. Write answers in the spaces provided

1. Point out two non-decorative patches in repair of clothes and household article (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

2. Note down two effects of deep-frying protein foods without coating (2 mark)

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3. Give two measuring tools in needlework. (1 mark)

**………………………………………………………………………………………………………………………………………………………………**

4. Point out the major difference between cotton and wool viewed under a microscope (1 mark)

**………………………………………………………………………………………………………………………………………………………………**

5. Explain the meaning of the term dredge as used in flour mixtures (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

6. Give two uses of salt in laundry work (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

7. What is consumer education (1mark)

**………………………………………………………………………………………………………………………………………………………………**

8. Outline two major signs of goiter (1 mark)

**………………………………………………………………………………………………………………………………………………………………**

(1 mark)

9. Suggest two other methods of storing clothes and household linen apart from folding

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

10. State two factors that make biogas an unpopular fuel. (2 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

11. Give two reasons for serving water in a meal (2 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

12. Outline two advantages of using a potato peeler over a kitchen knife. (2 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

13. Give two suggestions for painting your ceiling boards with a light colour. (2 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

14. State two advantages of choosing boiling as a method of cooking (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

15. Explain how preservation is achieved through smoking (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

16. Outline two ways of achieving shirring in disposal of fullness (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

17. Give two disadvantages of prolonged use of convenience foods (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

18. List two ways of saving time and energy during cooking. (2 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

19. Describe how to take hip measurements (2 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

20. What is rinsing as used in laundry work (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

21. Point out two uses of temporary stitches in clothing construction (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

22. Name two special treatments done before final rinsing (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

23. State two disadvantages of using powdered formulae to feed the baby (2 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

24. Give two factors that determine the length of a skirt (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

25. Give two sources of natural food poisoning (1 mark)

**………………………………………………………………………………………………………………………………………………………………**

26. List two qualities of a good girls’ teddy bear (2 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

27. State two methods of attaching collars (1 mark)

**………………………………………………………………………………………………………………………………………………………………**

28. Outline two uses of interfacing (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

29. Give two reasons why soaking of wooden handled Knives is discouraged. (2marks)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

30. Name two components of a two-course meal. (1 mark)

**………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**

**SECTION B: (20 MARKS)** Compulsory

Today is your cleaning day;

31. a). Launder a white cotton tea towel ( 9 mks)

b) launder a loose coloured shirt *. (8 mks)*

c) Outline steps to follow when cleaning water glasses (5 marks)

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**SECTION C: (40 MARKS)**

Answer any TWO questions from this section in the spaces provided at the end of this

section.

32.a) (a) State reasons for including vitamin C (Ascorbic acid)in our diet daily. (4 marks)

b) Negative effects of advertisement to the consumer (4 marks)

c) Giving a reason, mention four blood tests carried out in an antenatal clinic (4 marks)

d) Mention four ways through which an individual may suffer from anaemia. (4 marks)

e) Describe four methods used to transfer pattern markings (4 marks)

33.a) You are giving a talk on care of invalids. Give four points you

would include on preventive measures (4 marks)

b) Explain four points importance of preparing a shopping list before going for shopping (4 marks)

c) Identify four ways in which measles can be managed in infants. (4 marks)

d) Give four benefits of vitamin B2 in the human body (4 marks)

e) Balance points are matched with other similar ones. Point out four areas where they are (4 marks)

likely to be put on a garment

34.a) Outline four factors to bear in mind when picking flowers to arrange (4 marks)

b) Explain the following terms as used in consumer education; (4 marks)

c) State four principles used when administering first Aid to a victim of poison (4 marks)

d) State and explain four nutrient conservation measures taken during food preparation

before cooking (4 marks)

e) Use the pattern below to describe the working of an inverted pleat (4 marks)

Include a clearly labelled diagram.

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