NAME…………………………………………ADM NO…………………CLASS…………..

HOMESCIENCE

PAPER 1

THEORY

441/1

DECEMBER 2021

FORM 4

TIME: 2 ½ HRS

INSTRUCTIONS

1. This paper consist of three sections A, B & C
2. Answer all questions in section A in the spaces provided.
3. Answer the question in section B in the spaces provided.
4. Choose ANY two questions in section C and answer in the spaces provided.

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| --- | --- | --- | --- |
| SECTION | QUESTION | MAX SCORE | STUDENTS SCORE |
| A | 1-20 | 40 MKS |  |
| B | 21 | 20MKS |  |
| C | 22 | 20MKS |  |
|  | 23 | 20MKS |  |
|  | 24 | 20MKS |  |

**SECTION A (40 MARKS)**

**Answer all questions in this section in the spaces provided**

1. State four methods of removing loose dirt from surfaces. (2mks)
2. Suggest any two reasons for laundering clothes. (2mks)
3. Give two negative effects of bicarbonate of soda in wheat flour. (2mks)
4. Mention two reasons for blanching vegetables during preservation. (2mks)
5. Suggest two reasons why knots should not be used when making permanent stitches. (2mks)
6. State two principles of wise buying. (2mks)
7. Differentiate between essential and non essential amino acids. (2mks)
8. List four qualities of a material suitable to make a floor cloth (2mks)
9. What is the difference between regenerated and synthetic fibres. (2mks)
10. Mention two disadvantages of relying on solar energy in the home. (2mks)
11. Identify two properties of woolen fibres that make them suitable for making carpets (2mks)
12. List four principles of food preservation. (2mks)
13. State two effects of poor environmental hygiene in a school setting. (2mks)
14. State two reasons why family meals should be served punctually. (2mks)
15. Give two reasons why a kitchen should be well ventilated (2mks)
16. List four methods of controlling fullness in garment construction. (2mks)
17. Name two uses of vinegar in laundry work. (2mks)
18. Suggest two merits of using self neatening seams in garment construction. (2mks)
19. Mention two reasons to account for popularity of convenience foods in Kenya. (2mks)
20. Give two negative effects of advertising. (2mks)

**SECTION B (COMPULSORY) 20MKS**

1. You have decided to stay home and carry out some cleaning.
2. Explain how you will launder your woolen socks. (10mks)
3. Describe the procedure you will use to dry clean your father’s silk tie. (6mks)
4. Explain briefly the procedure you will to clean a painted wooden stool in your bedroom (4mk)

**SECTION C (40MKS)**

**CHOOSE TWO QUESTIONS FROM THIS SECTION**

1. a) State and explain four causes of malnutrition (8mks)

b) Describe four nutritional needs of manual workers. (4mks)

c) Explain any four factors that influence consumer buying. (8mks)

1. a) State four preparations that should be made on a fabric before cutting out the garment. (4mks)

b) Describe the process of making a french seam without using diagrams. (6mks)

c) Give five causes of falls at home. (5mks)

d) Mention five factors that may affect the life of the unborn baby. (5mks)

1. a) Suggest four points to consider when choosing a colour scheme for a room. (8mks)

b) State four reasons for using facings on a garment. (4mks)

c) Mention four advantages of food preservation. (4mks)

d) Give four points to consider when choosing a sewing machine. (4mks)