**GATITU DAY MIXED SECONDARY SCHOOL**

**HOME SCIENCE**

**Form Two - Term Two 2nd CAT-2012**

**Time: 1 ½ Hours**

**INSTRUCTIONS TO STUDENTS.**

* **Answer ALL the questions.**
* **Answers to ALL questions MUST be written in the spaces provided.**

1. List two areas in the house that the kitchen should not be next to. (2mks)

2. State FOUR reasons for cleaning the house. (4mks)

3. Give two dangers that can be brought about by use of charcoal in the home. (2mks)

4. Give the function of the following sewing tools. (3mks)

a) Tape measure

b) Thimble

c) Pin cushion

5. The following characteristics were observed by some Science students after testing some fibres in the laboratory.

1. Overlapping with irregular scales, singes on burning, smells like burnt hair
2. Burns readily with bright yellow flame, smells like burnt paper, continues to burn on removal from flame.

Identify two possible fibres describe above (2mks)

6. Explain the difference between the following terms: (6mks)

a) Pressing and Ironing

b) Staple yarn and filament yarn

c) Draining and sieving

7. Give three physical methods of identifying textile fibres. (3mks)

8. Mention three ways of preparing a fabric before cutting. (3mks)

9. Name any three labour saving equipment (3mks)

10. Give four factors to consider when choosing kitchen equipment. (4mks)

11. Classify dirt. (2mks)

12. Classify the sewing tools and equipment giving examples in each. (2mks)

13. Name four methods of removing dirt from surfaces. (4mks)

14. Complete the following diagram on the classification of fibres. (10mks)

TOTAL :x/50