**NAME ……………………………… DATE …………………………………**

**INDEX NO. …………….………………. CANDIDATE’S SIGNATURE …………..………**

**441/1**

**HOME SCIENCE**

**Paper 1 (Theory)**

**Time: 2½ Hours**

**A C K NAMBALE DIOCESE SCHOOLS**

**JOINT EVALUATION EXAMINATIONS**

**FORM 4**

**NOVEMBER 2021**

*Kenya Certificate of Secondary Education*

**INSTRUCTIONS TO THE CANDIDATES**

Write your name and index number in the spaces provided above.

This paper consists of **THREE** sections A, B, and C.

Answer **ALL** the questions in section A and B

Answer any **TWO**questions from section C

**For examiners use only**

|  |  |  |  |
| --- | --- | --- | --- |
| **Section** | **Questions** | **Maximum**  **score** | **Candidates score** |
| **A** | 1. **16** | **40** |  |
| **B** | **17** | **20** |  |
| **C** |  | **20**  **20** |  |
|  | **TOTAL SCORE** |  |  |

*This paper consists of 7 printed pages.*

*Candidates should check to ensure that all pages are printed as indicated and no questions are missing*

**SECTION A (40 MARKS)**

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

1. Mention two functions of cholecalciferol in the body. (2 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Suggest three causes of malnutrition. (3 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………

1. What are the effects of immersing a hot aluminium frying pan in cold water? (2 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Explain three forms of advertisements. (2 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Write the following abbreviations in full (2 **Marks**)
   * BCG……………………………………………………………………………………………………
   * TBA……………………………………………………………………………………………………
2. Name two methods which could be used to serve meals at home. (2 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. What are the determinants of safe parenthood? (3 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………

1. Identify three points to bear in mind when buying land for a family house. (3 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………

1. State three basic instructions on the use of medicines. (3 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………

1. Give three advantages of using hire purchase. (3 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………

1. Name four fabrics that should not be wrung during laundering. (2 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. State three functions of pressing cloth. (3 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………

1. State two qualities to look for when choosing a tape measure (2 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Identify six substances that are added to soap during manufacturing. (3 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………

1. Give two ways of purifying water for small scale use. (2 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Differentiate between food fortification and food supplements. (2 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**SECTION B (20 MARKS)**

***Compulsory***

1. You are preparing to host your grandparents over the weekend.
   * 1. Describe the method you would use to clean a varnished wooden table to be used in the dinning room. (6 **Marks**)
     2. Give six principles you would observe when removing stains from the table clothe to be used. (6 **Marks**)
     3. Outline the procedure you would use when cleaning a toilet to be used by your grand parents (8 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**SECTION C (40 MARKS)**

***Answer ANY TWO questions from this section in the spaces provided after question 20.***

1. a) What do the following terms mean as used in consumer education.
2. Consumer (1 **Mark**)
3. Goods (1 **Mark**)
4. Services (1 **Mark**)
5. Explain four sources of information for the consumer. (8 **Marks**)
6. (i) Define a budget. (1 **Mark**)

(ii) Explain four factors that may affect a budget. (8 **Marks**)

1. a) Give four symptoms of food poisoning. (4 **Marks**)
2. Explain four causes of food spoilage. (8 **Marks**)
3. Suggest eight measurers to take in the prevention of food poisoning. (8 **Marks**)
4. a) List four types of scissors used in clothing construction. (4 **Marks**)
5. Identify three methods of transferring pattern Markings on a fabric. (3 **Marks**)
6. Give four features of well made collar. (4 **Marks**)
7. Using diagrams outline how to make machine fell seam. (9 **Marks**)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………