**Name:……………………………………………………………………………………………Index Number:…………………./………….**

**441/1 Candidate’s signature………………**

**HOME SCIENCE Date……………………………….**

 **Paper 1**

**(THEORY)**

**FORM THREE**

***Instructions to candidates***

1. *Write your name and index number in the spaces provided above.*
2. *Sign and write the date of examination in the spaces provided above.*
3. *This paper consists of* ***three*** *sections;* ***A, B*** *and* ***C.***
4. *Answer all the questions in section* ***A*** *and* ***B*** *and any two questions from section* ***C*** *in the spaces provided.*
5. *Answers to all questions must be written in this booklet.*

**For examiner’s use only**

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| --- | --- | --- | --- |
| **Section** | **Questions** | **Maximum score** | **Candidate’s score** |
| **A** |  |  |  |
| **B** |   |  |  |
| **C** |  |  |  |
|  |  |  |

**This paper consists of 12 printed pages. Candidates should check the question paper to ensure that all the pages are printed as indicated and no questions are missing**

1. Give **two** uses of vitamin B2 in the body **(2 marks)**

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1. Name **two** dangers of water pollution. **(2 marks)**

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1. State **two** factors to consider when choosing a washing machine. **(2 marks)**

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1. State **two** reasons for softening water for laundry work. **(2 marks)**

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1. Suggest **two** advantages of soapless detergents. **(2 marks)**

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1. Write **down** reasons for using each of the following laundry agents.

**a)** Washing soda **(2 marks)**

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**b)** Starch **(2 marks)**

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1. Fabric conditioner **(2 marks)**

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1. State **two** advantages of storing clothes and household articles properly. **(2 marks)**

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1. State the importance of sedimentation in purication of drinking water. **(7 marks)**

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1. State **two** reasons why plastics are popularly used for preserving food in a fridge. **(2 marks)**

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1. List down **two** fat soluble vitamins **(1 mark)**

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1. Suggest **two** changes that take place when an egg is boiled. **(2 marks)**

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1. List down **two** symptoms of scurvy. **(2 marks)**

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1. Mention **two** function of the skin. **(2 marks)**

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1. State **three** points to consider when buying a tape measure. **(3 marks)**

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1. Give **three** problems related to breastfeeding. **(3 marks)**

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1. State **two** causes of heavy and close texture in creamed cake mixture. **(2 marks)**

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1. State **two** disadvantages of using print media method of advertising. **(2 marks)**

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1. Name **two** types of batters. **(2 marks)**

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**SECTION B: COMPULSORY (20MKS)**

1. You are preparing to host a birthday party for your 3 year old brother. Describe how you would:

**a)** Clean a plastic plate for his food. **(5 marks)**

**b)** Clean his canvas shoes. **(10marks)**

1. Arrange flowers for the occasion. **(5 marks)**

**SECTION C: CHOOSE AND ANSWER TWO QUESTIONS FROM THIS SECTION**

1. **a)** State **four** symptoms of food poisoning. **(4 marks)**

**b)** Explain any **four** factors that influence consumer buying. **(8 marks)**

 **c)** Discuss **four** reasons for budgeting family income. **(8 marks)**

1. **a)** Discuss **four** factors one would consider when buying green leafy vegetables. **(4 marks)**

 **b)** Name **six** methods of disposing of excessive fullness in clothing construction. **(6 marks)**

**c)** Discuss the importance f the following in flour mixtures. Two importance’s in each case.

 **i)** Fruits **(2 marks)**

 **ii)** Liquid **(2 marks)**

 **iii)** Sugar **(2 marks)**

1. Name any **four** type of immunization given to infant before six months. **(4 marks)**
2. **a)** Discuss **three** importance of immunization. **(6 marks)**

**b)** Explain **four** limitation of living in flats. **(4 marks)**

 **c)** Discuss **three** properties of cotton that make it desirable for hospital linens **(6 marks)**

 **d)** Name **four** small kitchen equipments. **(4 marks)**

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