441/1 – **HOME SCIENCE** – **Paper 1**
(THEORY)
Nov. 2017 – 2½ hours

Name .... Index Number ....

Candidate's Signature .... Date ....

Instructions to candidates

(a) Write your name and index number in the spaces provided above.
(b) Sign and write the date of examination in the spaces provided above.
(c) This paper consists of **three** sections; **A**, **B** and **C**.
(d) Answer **all** the questions in sections **A** and **B** and any two questions from section **C**.
(e) Answers to all questions must be written in the spaces provided in this booklet.
(f) **This paper consists of 16 printed pages.**
(g) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.
(-) Candidates should answer the questions in English.

For Examiner's Use Only

Section	Questions	Maximum Score	Candidate's Score
A	1 – 20	40	
B	21	20	
	22	20	
C	23	20	
	24	20	
	Total Score	100	

SECTION A (40 marks)

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

1. Name **two** methods of steaming food. (1 mark)

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2. Give the meaning of the term balanced diet. (2 marks)

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3. State the functions of the following kitchen tools; (2 marks)

   (a) Meat hammer ....

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   (b) Colander ....

4. Highlight **three** advantages of roasting foods. (3 marks)

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5. Differentiate between garnishes and decorations in cookery. (2 marks)

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6. Outline **three** qualities of a well groomed person. (3 marks)

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7. Highlight the importance of weaning a baby gradually. (2 marks)

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8. Distinguish a scald from a burn. (2 marks)

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9. Give **two** factors that determine the choice of clothes. (2 marks)

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10. Identify **two** factors that determine the methods of lighting in a house. (2 marks)

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11. Describe a manhole in relation to a sewage system. (2 marks)

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12. Define the term consumer. (1 mark)

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13. State **two** ways in which advertisements may affect the consumer negatively. (2 marks)

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14. Identify **four** types of repairs done on clothes. (2 marks)

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15. Highlight **two** roles that detergents play in the laundering of fabrics. (2 marks)

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16. Name **four** types of temporary stitches. (2 marks)

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17. List **four** methods used in controlling fullness. (2 marks)

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18. Name **four** areas on a garment where interfacings are used. (2 marks)

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19. State **two** uses of embroidery scissors. (2 marks)

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20. Identify **two** properties of woollen fibre that make it suitable for making carpets. (2 marks)

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SECTION B (20 marks)
(Compulsory)

*Answer **question 21** in the spaces provided.*

21. You are planning to attend your brother's wedding party.
Describe the procedure you would follow to;

   (a)   Launder the silk dress you intend to wear. (8 marks)

   (b)   Thorough clean the leather handbag with a polyester lining that you will use. (12 marks)

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SECTION C (40 marks)

*Answer any **two** questions from this section in the spaces provided after question 24.*

22. (a) Explain **three** reasons why impulse buying should be discouraged. (6 marks)

    (b) Describe **three** principles of food preservation. (6 marks)

    (c) Explain **four** factors that determine the dietary needs of individual family members. (8 marks)

23. (a) Describe **three** ways in which a facing can be used to create a decorative effect. (6 marks)

    (b) Explain **four** rules to observe when removing stains from a garment. (8 marks)

    (c) Outline **three** remedies for each of the following machine faults; (6 marks)

        (i) Needle breaking

        (ii) Fabric puckering

24. (a) Describe the functioning of each of the following: (4 marks)

        (i) Electric Air fan

        (ii) Air conditioner

    (b) Explain **four** benefits of living in a well ventilated house. (8 marks)

    (c) Outline **four** ways in which cosmetics can be misused. (8 marks)

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