



**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.**
- (h) **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	
C	22	20	
	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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