

### 3.13 HOME SCIENCE (441)

#### 3.13.1 Home Science Paper 1 (441/1)

##### SECTION A (40 marks)

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

1. Identify **four** signs and symptoms of food poisoning. (2 marks)
2. Define the term nutrients. (2 marks)
3. Highlight **two** functions of raw garnishes in the presentation of meals. (2 marks)
4. State **two** characteristics of foods that have been overcooked through prolonged boiling. (2 marks)
5. Distinguish between meal planning and meal management. (2 marks)
6. List **four** water borne diseases. (2 marks)
7. Identify **two** ways of sterilising a baby's feeding equipment. (2 marks)
8. Give the meaning of the term ante-natal care. (2 marks)
9. Identify **one** benefit of increasing iron rich foods in a mother's diet. (1 mark)
10. State **two** advantages of a well-lit room. (2 marks)
11. Highlight **two** limitations of burning as a method of refuse disposal. (2 marks)
12. Differentiate between loose and fixed dirt. (2 marks)
13. Highlight the benefit of consumer protection. (1 mark)
14. State **two** disadvantages of buying goods by hire purchase. (2 marks)
15. State **two** purposes of steeping a soiled handkerchief in cold salty water. (2 marks)
16. Give the meaning of the term laundry processes. (2 marks)
17. A pleat is constructed by making folds to form three layers of fabric. Name **two** such layers. (1 mark)
18. Give **one** function of each of the following pattern markings in garment construction. (2 marks)
  - (a) Notch
  - (b) Dart
19. Outline **two** preparations done on a fabric before cutting out. (2 marks)
20. State **three** reasons why cotton fabric is popularly used for table linen. (3 marks)
21. Differentiate between conspicuous and inconspicuous seams. (2 marks)

**SECTION B (20 marks)**  
**(Compulsory)**

*Answer question 22 in the spaces provided.*

22. Your sister who is a nurse is unwell and has requested you to assist her with household chores. Describe the procedure you would follow to:
- (a) Thoroughly clean her white canvas shoes without shoe laces. (9 marks)
  - (b) Wash and starch her nurse's cap using boiling water starch. (11 marks)

**SECTION C (40 marks)**

*Answer any two questions from this section in the spaces provided after question 25.*

23. (a) Describe **three** forms of advertisement. (6 marks)
- (b) Explain **three** benefits of providing a diet rich in vegetables. (6 marks)
- (c) Explain **four** precautions to take to prevent occurrence of food poisoning when handling left over foods. (8 marks)
24. (a) Explain **two** factors to consider when choosing a wooden clothes' drying rack. (4 marks)
- (b) Explain **four** points to observe on the care of a sewing machine. (8 marks)
- (c) Describe the effects of the following practices when laundering wool: (8 marks)
- (i) Soaking
  - (ii) Using cold water
  - (iii) Drying under direct sunlight
  - (iv) Using friction method
25. (a) Highlight **six** precautions to take when using electricity in the house. (6 marks)
- (b) Explain **four** factors to consider when building a house. (8 marks)
- (c) Describe **three** types of play that contribute positively to the development of a child. (6 marks)