

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 List **four** favourable conditions for the growth of micro-organisms in food spoilage. (2 marks)
- 2 Name **two** types of beriberi. (1 mark)
- 3 Why is breakfast considered the most important meal of the day? (1 mark)
- 4 Give **two** reasons for covering food while cooking. (2 marks)
- 5 State **two** disadvantages of boiling foods. (2 marks)
- 6 Differentiate between **perishable** and **non perishable** foods. (2 marks)
- 7 State **three** advantages of advertising on a Bill-board. (3 marks)
- 8 State **three** benefits of breast-feeding to a mother. (3 marks)
- 9 List **four** items in a first-aid-kit that can be used to manage a sprain. (2 marks)
- 10 State **two** good grooming habits that can prevent skin diseases. (2 marks)
- 11 Name **two** factors that influence the frequency of cleaning a house. (2 marks)
- 12 State **two** advantages of electricity as a form of lighting. (2 marks)
- 13 State **two** factors to consider when renting a house. (2 marks)
- 14 Identify **two** characteristics of a plastic laundry basin. (2 marks)
- 15 State **two** limitations of dry cleaning in laundry work. (2 marks)
- 16 Name **two** textile fibres of plant origin. (1 mark)
- 17 Give **two** uses of facing in clothing construction. (2 marks)
- 18 Name **four** areas in a garment where diagonal tacking can be used. (2 marks)
- 19 State **two** points to observe when taking body measurements. (2 marks)
- 20 Give **one** reason why acetone is not a suitable stain remover on acetate fabrics. (1 mark)

- 21** Identify the correct direction to press the following darts during garment construction:
- (i) front shoulder dart;
 - (ii) bust dart;
 - (iii) elbow dart;
 - (iv) back waist dart.
- (2 marks)

SECTION B (20 marks)
(*Compulsory*)

Answer question 22 in the spaces provided.

- 22** Your parents are away for the weekend and have asked you to clean the house thoroughly.
- (a) Describe how you would clean an oil painted wall in the sitting room. (8 marks)
 - (b) Outline the procedure for laundering a loose coloured cotton T-shirt. ($7\frac{1}{2}$ marks)
 - (c) Describe how you would clean a plain wooden chopping board. ($4\frac{1}{2}$ marks)

SECTION C (40 marks)

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

- 23**
- (a) Giving a reason in each case, state **four** advantages of using a refrigerator in the home. (8 marks)
 - (b) Explain **four** points to consider when planning meals for an invalid who is bedridden. (8 marks)
 - (c) Giving a relevant example in each case, differentiate between **substitute** and **complimentary** products. (4 marks)

24 Use the sketch of the skirt below to answer the following questions.



- (a) (i) State **six** methods of disposing fullness in the skirt sketch shown above. (3 marks)
- (ii) Apart from the disposal of fullness symbols, indicate **three** pattern markings on the sketch above. (3 marks)
- (b) Describe how to attach a lace onto the lower edge of a skirt using the overlaid seam. (6 marks)
- (c) Explain **four** finishing processes carried out during laundry. (8 marks)

- 25** (a) Identify **six** qualities of aluminium that make it suitable for making kitchen utensils. (6 marks)
- (b) Highlight **six** signs of a child suffering from marasmus. (6 marks)
- (c) Explain **four** factors to consider when selecting a baby's clothes. (8 marks)

...