HOME SCIENCE PAPER 1
(THEORY)
(Maximum Marks: 70)
(Time allowed: Three hours)
(Candidates are allowed additional 15 minutes for only reading the paper.
They must NOT start writing during this time.)

Answer all questions from Part I and five questions from Part II.

All working, including rough work, should be done on the same sheet as the rest of the answer.
The intended marks for questions or parts of questions are given in brackets [ ].

PART I (20 Marks)

Answer all questions.

Question 1 [10 × 2]

(i) What is the difference between boiling and par-boiling?
(ii) List any two disadvantages of washing cereals and fruits.
(iii) State two merits of microwave cooking.
(iv) List any two points of importance of a care label of a garment.
(v) Mention any two ill-effects of using pesticides on food.
(vi) Name two common problems of puberty.
(vii) List any two bactericidal methods of food preservation.
(viii) Name two metal contaminants.
(ix) Explain the term Ecomark.
(x) What is meant by dry-cleaning of clothes?
PART II (50 Marks)
Answer any five questions.

Question 2
The science of food preparation is based on the understanding of the changes that occur in food during cooking. In this context explain:
(a) The effects of cooking on carbohydrates and protein. [5]
(b) Five ways of enhancing nutritive value of food. [5]

Question 3
Preservation plays a very important role in avoiding food wastage. In this context, explain:
(a) The role of enzymes and moisture in food spoilage. [5]
(b) The use of salt as a natural preservative. [5]

Question 4
(a) List the factors that cause diarrhoea. [5]
(b) Discuss the dietary treatment given to a diarrhoea patient. [5]

Question 5
(a) List five health related problems resulting from toxic colouring in food. [5]
(b) Suggest five measures to prevent suffocation and choking in young children. [5]

Question 6
(a) List any five advantages of packaged goods when compared to loose commodities sold in the market. [5]
(b) Discuss any five responsibilities of a consumer. [5]

Question 7
(a) List any five factors that influence the adolescents while choosing their career. [5]
(b) Explain the role played by schools in the social and emotional development of teenagers. [5]
Question 8

(a) Discuss the technique of storing a velvet garment at home. [5]

(b) How does the climate and occupation of individuals affect the choice of clothes? [5]

Question 9

Write short notes on *any two* of the following:

(a) Storage of eggs. [5]

(b) Preliminary treatment of food. [5]

(c) Use of Bio-gas [5]