

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?

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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]