

HOME SCIENCE

PAPER 1

(THEORY)

(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

Answer briefly each of the following questions:

[10×2]

- (i) Mention *any four* methods of increasing the nutritive value of food.
- (ii) Explain the effect of cooking on starch.
- (iii) Define the term *food preservation*.
- (iv) State the responsibilities of a consumer.
- (v) Name *two* adulterants present in jaggery.
- (vi) Name the method used for washing silk sarees.
- (vii) What sort of clothing is suitable for a travelling salesman?
- (viii) What is *asepsis*?
- (ix) Mention *two* ill effects of inadequate diet during adolescence.
- (x) State *two* advantages of cooking with solar energy.

PART II (50 Marks)

Answer any **five** questions.

Question 2

With the advancement of science and technology, new fuels have come into use. In this context, explain:

- (a) The new developments in cooking. [5]
- (b) The advantages of using bio-gas. [5]

Question 3

- (a) Discuss some of the factors causing food spoilage. [5]
- (b) Explain some simple methods of food preservation. [5]

Question 4

- (a) *It is important to plan meals in a balanced manner.* Discuss giving suitable examples. [5]
- (b) Why should a nutritional snack prepared for an adolescent be different from the one meant for an elderly person? [5]

Question 5

Indian markets are flooded with different kind of spurious products. In this context, explain the following:

- (a) Defective packaging [5]
- (b) Importance of consumer education. [5]

Question 6

- (a) Explain how electrical equipments at home can be used safely. [5]
- (b) Discuss *five* safety measures that can be adopted to prevent poisoning amongst children. [5]

Question 7

- (a) Explain the various steps involved in the laundering of a cotton shirt. [5]
- (b) Prepare a list of materials used in the above laundering process. [5]

Question 8

Write short notes on each of the following:

- (a) Role of teachers in an adolescent's life. [5]
- (b) Storage of non-perishable food. [5]
- (c) Dimensions of adulthood.