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ISC Specimen 2013 Home Science Paper 1 (Theory)

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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.