

Model Question Paper 2021-22

Class-10

Home Science

(For Girls only)

Time: 3 hours 15 minutes

Maximum marks-70

Note: First 15 minutes are allotted for the candidates to read the question paper.

General Instructions

- i. All questions are compulsory.
- ii. The question paper has four types of questions- Multiple choice type, Very short answer type, Short answer type and Long answer type. Instructions have been given before each type of question for answering.

Instruction: Question numbers **1** and **2** are Multiple choice type. For each part of the following questions *four* options are given. Choose the right option and write it in your answer book.

(1) (i) In which cheque parallel lines are drawn at the left corner? 1

- (a) Bearer cheque
- (b) Cross cheque
- (c) Traveller cheque
- (d) Gift cheque

(ii) How many grams are there in a kilogram? 1

- (a) 500 grams
- (b) 1000 grams
- (c) 1500 grams
- (d) 2000 grams

(iii) Which item is not kept in the sewing kit? 1

- (a) thread
- (b) needles
- (c) inch tape
- (d) Sewing Machine

(iv) The method of cooking food which saves time is 1

- (a) Boiling

- (b) Frying
 - (c) cooking in a pressure cooker
 - (d) Roasting
- (2) (i) Plantation is necessary 1
- (a) For clean air
 - (b) To prevent soil erosion
 - (c) To increase the level of ground water
 - (d) All of these
- (ii) 'World Environment Day' is celebrated on - 1
- (a) 5 April
 - (b) 5 May
 - (c) 5 June
 - (d) 5 August
- (iii) Injection of ATS or Titback is used to prevent - 1
- (a) Diphtheria
 - (b) Dengue
 - (c) Typhoid
 - (d) Tetanus
- (iv) Contagious diseases spread through - 1
- (a) Air
 - (b) Water
 - (c) Contact
 - (d) All of these

Instruction : Question numbers **3** and **4** are Very short answer type. Write answer of each part in about a maximum of **25** words.

- 3.(a) Name the organs of the respiratory system. 2
- (b) When do we use ring cushion? 2
- (c) What is the function of water in the body? 2
- (d) What do you understand by family budget? 2
- (e) Name two diseases that spread through air. 2

4. (a) Write down the name of any four liquid diets. 2
(b) What is the use of a bank passbook? 2
(c) What is meant by 'artificial respiration'? 2
(d) State the main forms of hot sac (hot packs). 2
(e) Name some solid chemical disinfectants. 2

Instructions: Question numbers 5 to 7 are Short answer type. Give answer of each part in a maximum of **50** words.

- 5.(a) What information do we get mainly from the observation of the family budget? 4

Or

Calculate the Simple interest of Rs.800 at the rate of 6% for 4 years. 4

- (b) What measures could be taken to remove and destroy the garbage of a house? Explain. 4

Or

Write the methods of cooking food. Describe any two methods. 4

- 6.(a) Write the symptoms and preventive measures of Cholera. 4

Or

Write a note on 'ideal well'. 4

- (b) How does the process of cooking affect bodily fat? Discuss. 4

Or

What is meant by noise pollution? 4

- 7.(a) What will you do to make a frock beautiful and attractive? 4

Or

What should be given to a patient in case of heat stroke? 4

- (b) What is meant by dehydration? Write its symptoms. 4

Or

The population of a village is 4000. Of these 20% are men, 25% are women and the rest are 4

children. Calculate the number of children in that village.

Instruction : Question numbers **8** to **10** are Long answer type. In Question numbers **8** and **9** alternatives have been given. Write the answer of only one alternative. Write answer of each question in a maximum of **100** words.

8. What do you understand by 'natural respiration' and 'artificial respiration'? 3+3

Describe any one method of artificial respiration

Or

What is the difference between the food given to a healthy person and the food given to a sick person? What things will you keep in mind while giving food to a sick person? 3+3

9. Mention the causes of environmental pollution. 6

Or

Describe the main schemes offered by Indian post offices. 6

10. What is meant by waste management? Describe in detail the need and process of waste management. 6