Model Question Paper 2021-22
Class-10
Home Science
(For Boys and Girls who have not made it a compulsory subject)

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. (a) What is given to a patient to drink in case of heat-stroke?   1

   (i) Barley Water

   (ii) Shikanji

   (iii) Aam Panna

   (iv) Tea

(b) Which of the following is believed to be an ideal budget?   1

   (i) deficit budget

   (ii) budget of savings

   (iii) balanced budget

   (iv) Daily Budget

(c) What is the chemical formula of water?   1

   (i) HO

   (ii) HO_2

   (iii) H_2O

   (iv) H_2O_2

(d) What is the best source of vitamin C?   1

   (i) Amla

   (ii) Moong dal

(iii) Rice

(iv) Milk

2. (a) Which disease is spread by mosquitoes?   1

       (i) smallpox

       (ii) Tuberculosis

       (iii) Malaria

       (iv) Typhoid

(b) The cheque given on an auspicious occasion is called -   1

       (i) Gift Cheque

       (ii) Traveller's Cheque

       (iii) Cross Cheque

       (iv) Order Cheque

(c) When do we use Ice-Cap?   1

       (i) In severe pain

       (ii) In high fever

       (iii) In bone fracture

       (iv) Sprain

(d) 'The Environment Day' is celebrated on -   1

       (i) 1 June

       (ii) 12 June

       (iii) 5 June

       (iv) 18 June

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) What are the benefits of plantation?   2

(b) What are the main sources of water?   2

(c) The cost of 8 kg of pomegranate is Rs. 640, What will be the cost of one kg of pomegranate?   2

(d) What is the body temperature of a healthy human being?   2

(e) What is meant by frugality? 2

4.(a) Name the diseases that spread through air. 2

(b) Write down two benefits of sewing clothes at home? 2

(c) How is the curdled milk water prepared? 2

(d) Why is food necessary for body? 2

(e) What do you understand by respiration? 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 is the importance of vegetables in our diet? 4

Or

Explain the difference between bone fracture and sprain. 4

(b) Explain the different types of family budget. 4

Or

What are the benefits of having a life insurance policy? 4

6.(a) What are the different methods of cooking food? Describe any one. 2+2=4

Or

Write measures for environmental protection. 4

(b) What items are kept in the sewing kit? Make a list. 4

Or

Write the causes and preventive measures of noise pollution. 4

7.(a) What is meant by direct income and indirect income? 4

Or

Write a short note on pond water. What measures can be taken to prevent pond water contamination? 4

(b) When, how and why are ice caps used? 4

<div align="center">Or</div>

If a person buys two litres of milk daily at the rate of Rs. 25 per litre. Calculate the total amount spent on milk in a month? 4

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. (a) Write the Causes, symptoms and treatment of tuberculosis. What precautionary measures should be taken to prevent tuberculosis? 6

<div align="center">Or</div>

Describe the structure and functions of lungs with the help of a labelled diagram. 6

9. What is the main purpose of cooking food? What things should be kept in mind while cooking food?
<div align="right">2+4=6</div>

<div align="center">Or</div>

What do you understand by family savings? What is the importance of savings? What are the means to keep savings safe? 2+2+2=6

10. What do you understand by bone fracture? Write the symptoms and types of bone fracture. 2+4=6