

2020
CLASS-IX
HOME SCIENCE

Total marks : 70

Time : 3 hours

General instructions :

i) The question paper consists of 32 questions.

ii) Marks allocated to every question are indicated against it.

N.B: Check that all pages of the question paper is complete as indicated on the top left side.

Choose the correct answer from the given alternatives:

1. A restricted form of family where only parents and children live together independently is 1
(a) joint family (c) extended family
(b) closed family (d) nuclear family

2. A gram of protein gives _____ calories of energy. 1
(a) 4 (c) 8
(b) 6 (d) 10

3. Which vitamin is also known as 'appetizer vitamin'? 1
(a) Vitamin C (c) Vitamin B₂
(b) Vitamin B₁ (d) Vitamin D

4. In which method, the food is put in a closed container and immersed in a bigger vessel containing boiling water? 1
(a) Direct steaming (c) Pressure cooking
(b) Indirect steaming (d) Roasting

5. Which chemical preservative is used in the preservation of jam? 1
(a) Sodium benzoate (c) Citric acid
(b) Potassium - metabisulphite (d) Tartaric acid

6. Learning to adjust in a group and work as a team and develop leadership qualities are 1
(a) physical functions (c) psychological functions
(b) social functions (d) recreational functions

7. Bore hole latrines should be _____ away from drinking water like wells etc. **1**
(a) 40-50 m (c) 30-40 m
(b) 60-70 m (d) 20-35 m
8. Which treatment should be given for bruises where bleeding occurs under the skin? **1**
(a) Milk and water solution can be poured to ease the pain
(b) Cool the area with an ice pack
(c) Wrap the patient in a blanket
(d) Immerse the patient in water tub
9. Nylon is an example of **1**
(a) regenerated fibre (c) metal fibre
(b) synthetic fibre (d) blended fibre
10. Wood + terylene is combined to make **1**
(a) polycat (c) terrywool
(b) terrysilk (d) terricot

Answer the following questions in 20-30 words :

11. How does western culture affect change in family pattern? **2**
12. Write two demerits of large family. **2**
13. Define food. How are they classified? **2**
14. Write two functions of protein. **2**
15. Why is steam cooking considered the best method of cooking? **2**
16. How does yeast act on food products? **2**
17. Write any two advantages of sun drying of food. **2**
18. What is the importance of sanitation at home? **2**
19. Give any four advantages of recycling. **2**
20. What first-aid must one exercise in case of electric shock? **2**
21. Differentiate between knitting and felting. **2**
22. What is yarn? Why is twisting done in making a yarn? **2**

Answer the following questions in 40-60 words :

23. What does the deficiency of vitamin C cause? Write one function of vitamin C.
Name two sources of vitamin C. **3**
24. What is shallow frying? Give two precautions to be taken during deep
frying. **3**
25. Describe the methods used to prevent or delay decomposition by microbes on
food. **3**
26. Write any two methods of preserving fruits and vegetables with the help of
preservatives. **3**
27. Write any three recreational functions of a home. **3**
28. What precautions must one exercise while using LPG? **3**
29. Write a note on the three types of natural fibres. **3**

Answer the following questions in 80-100 words :

30. Explain the expanding stage and its various sub-stages of family life. **5**
31. Discuss the points to be considered to select the method of cooking for any food
product. **5**
32. What precautions should one take to prevent bathroom accidents? Give five
points. **5**
