

2019
CLASS-IX
HOME SCIENCE

Total marks : 70

Time : 3 hours

General instructions :

- i) Approximately 15 minutes is allotted to read the question paper and revise the answers.
- ii) All questions are compulsory.
- iii) The question paper consists of 32 questions.
- iv) 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. Home Science is a field of education with a combination of _____ 1
(a) art and literature (c) art and science
(b) art and culture (d) art and skills
2. Which mineral help in the formation of bones and teeth? 1
(a) Calcium (c) Iodine
(b) Iron (d) Potassium
3. Use of _____ destroys vitamin-B complex during cooking. 1
(a) vinegar (c) baking soda
(b) salt (d) sugar
4. Which food item is prepared by shallow frying? 1
(a) Pakoras (c) French fries
(b) Matthi (d) Omelette
5. In pasteurization, food is subjected to_____ 1
(a) low temperature (c) moderate temperature
(b) high temperature (d) zero temperature
6. The method of keeping food products in boiling water for 1-3mins is known as 1
(a) vacuumisation (c) irradiation
(b) sterilization (d) blanching
7. Which type of latrine is prevalent in towns, cities and villages? 1
(a) Water closet (c) Borehole latrine
(b) Bucket latrine (d) Pit latrine
8. Terricot is a blended cloth formed by the combination of 1
(a) cotton + terylene (c) silk + terylene
(b) cotton + wool (d) wool + terylene
9. _____ is the smallest unit of fabric construction. 1
(a) Yarn (c) Cord
(b) Thread (d) Fibre

10. Which type of clothing is not preferable for old age group? 1
(a) Loose (c) Shiny
(b) Soft (d) Comfortable

Answer the following questions in 20-30 words :

11. Define Home Science. How does the study of Home Science help an individual to have a happy and healthy life? 2
12. Write any two social functions of a family. 2
13. Mention two important roles shared by the members within the family. 2
14. How are food classified on the basis of the functions of nutrients? 2
15. Give any two functions of vitamin A in our body. 2
16. Define dehydration. Give one example of natural dehydration. 2
17. What is the importance of ventilation at home? 2
18. Why is optimal utilization of gas important? 2
19. What is first-aid? What type of first-aid treatment is given in case of snake bite? 2
20. Differentiate between staple and filament yarn. 2
21. State two ways in which occasion influence the choice of clothing. 2
22. What is meant by psychological and physical comfort, provided by clothing? 2

Answer the following questions in 40-60 words :

23. Write a short note on any three fields of Home Science. 3
24. What is haemoglobin? How is it formed? Write its one function. 3
25. What is deep frying? Write two precautions to be taken during deep frying. 3
26. Write the importance of salt and sugar in the preservation of food products. 3
27. Distinguish between biodegradable and non-biodegradable wastes by giving examples. 3
28. Discuss man-made fibres and their usage. 3
29. Enumerate any three scope of Home Science. 3

Answer the following questions in 80-100 words :

30. Explain in detail the various principles of cooking food. 5
31. What are the reasons for change in a family pattern? Explain. 5
32. Mention five safety precautions to be taken while working in kitchen. 5
