

Home Science
Sample Questions Paper 2023-24
Class 10th

Time : 3 Hours 15 Minutes

Marks : 70

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

Instructions :

- (i) *All* questions are **compulsory**.
- (ii) This question paper has **two** Parts : **Part-A** and **Part-B**.
- (iii) **Part-A** consists of **20** multiple choice questions of 1 mark each that have to be answered on **OMR** Answer Sheet.
- (iv) For **Part-A** read the question wise instructions carefully and mark your answer on the given OMR Answer Sheet only. Do not erase, cut or use whitener on the OMR Answer Sheet after answering.
- (v) Mark of the questions are mentioned against them.
- (vi) **Part-B** consists of descriptive type questions of 50 marks.
- (vii) Start from the first question and continues till the last question. Do not waste your time on the question you cannot solve.

PART A

Instructions : Question No. 1 to 20 are Multiple Choice Type. Four options are given in each question, select the **correct** option out of them and mark them in OMR Answer Sheet. 1 × 20 = 20

1. Which of the following is the most safe cheque ?
 - (i) Bearer cheque
 - (ii) Crossed cheque
 - (iii) Both(i) & (ii)
 - (iv) None of the above

2. Should be used to transfer a patient :
 - (i) Cot
 - (ii) Palanquin (Doli)
 - (iii) Chair
 - (iv) Stretcher

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3. The disease caused by impure water is :
- (i) Polio (ii) Dysentery
(iii) Cholera (iv) All of these
4. Washing machine saves :
- (i) Time (ii) Labour
(iii) Surf's (iv) All of these
5. What should be used in cold sponge ?
- (i) Ice water (ii) Ice
(iii) Fresh water (iv) Water of dissolved ice
6. Water filter contain chambers :
- (i) One (ii) Two
(iii) Three (iv) Four
7. The incubation period of typhoid is :
- (i) 7-21 days (ii) 2-3 days
(iii) 4-6 days (iv) None
8. Which organ of the human body purifies blood ?
- (i) Digestive organ (ii) Lungs
(iii) Heart (iv) Skin
9. Bhopal tragedy is an example of :
- (i) Air Pollution (ii) Water Pollution
(iii) Noise Pollution (iv) Radioactive Pollution
10. The pulse rate of eight to fourteen years is :
- (i) 60-70 (ii) 80-90
(iii) 62-80 (iv) 70-80
11. The method of frying is :
- (i) Deep (ii) Shallow
(iii) Dry (iv) All three

12. Onion poultice is applied on ?
- (i) sprain (ii) injury
(iii) boils (iv) all
13. Which disaster occurs due to natural imbalance ?
- (i) Drought (ii) Flooding
(iii) Land becoming barren (iv) All of these
14. From where Cotton fibre are obtained :
- (i) Chemicals (ii) Animals
(iii) Vegetation (iv) None
15. Which should be present in more quantity, in the diet of tuberculosis patient ?
- (i) Protein (ii) Fat
(iii) Carbohydrates (iv) Vitamin
16. Ideal budget is considered :
- (i) Balanced budget (ii) Deficit budget
(iii) Surplus budget (iv) None
17. Small pox disease spreads by :
- (i) Water (ii) Blood
(iii) Air (iv) Food
18. In the Indian style of the dining room while eating, the storing room should have :
- (i) Chair (ii) Table
(iii) Small port (iv) Pata
19. The skeleton found on the external surface of the body is called :
- (i) Exo skeleton (ii) Endo skeleton
(iii) Bone skeleton (iv) All of these
20. There is a relation between breathing rate and pulse rate :
- (i) 1 : 4 (ii) 2 : 3
(iii) 1 : 10 (iv) 2 : 12

PART B

Instructions : Question No. 21 to 26 are Very Short Answer Type. Answer each question in maximum 25 words. $2 \times 6 = 12$

21. What do you mean by Flexible budget ?
22. What is the significance of ozone layer ?
23. Write *two* methods of taking measurements.
24. What is a sprain ?
25. What are the advantages of standing system of cooking (foreign styles) ?
26. Write the method of cold fomentation ?

Instructions : Question No. 27 to 31 are Short Answer Type. Answer each question in maximum 50 words $4 \times 5 = 20$

27. How would you like to preserve the carbohydrate and protein nutrient of food ?
28. Explain the functions of water in human body.
29. The cost price of bicycle is Rs. 1,600, if its selling price is Rs. 2,000, then what will be the percentage of profit ?
30. When and why is splinter used ?
31. What is the purpose of cooking food ? Explain.

Instructions : Question No. 32 to 34 are Long Answer Type. Question No. 32 and 33 contain options from which only *one* option has to be answered. Answer each question in about 100 words. $6 \times 3 = 18$

32. What is meant by family expenditure ? Describe the factor affecting family expenditure.

OR

What is home mathematics ? Explain its importance.

33. Describe in detail the methods of serving food.

OR

What precautions should be kept in mind while preparing the diet of patient?

34. What are the advantages of a housewife to sewing clothes at home ? Why its knowledge is important for a housewife ?