



**INDIAN SCHOOL MUSCAT
FIRST PRE-BOARD EXAMINATION-2023
HOME SCIENCE (064)**



CLASS : X
DATE: 19/01/2023

TIME ALLOTTED : 3 HRS.
MAXIMUM MARKS: 70

GENERAL INSTRUCTIONS:

1. All questions are compulsory.
2. There are total 35 questions.
3. Question paper is divided into three sections-A, B and C.
4. Section A has question no.1 to 18 (multiple choice questions) and are of 1 mark each.
5. Section B has question no.19 to 25 of 2 marks each and question no.26 to 29 of 3 marks each.
6. Section C has question no.30 to 33 of 4 marks each and question no.34 and 35 are of 5 marks each.
7. Internal choices are given in some questions.
8. Support your answers with suitable examples wherever required.

SECTION - A

1. Gum is used to stiffen: 1
 - a. Rayon
 - b. Cotton
 - c. Silk
 - d. Both a and c
2. Given below are two statements labeled as Assertion (A) and reason (R). 1

Assertion (A)- While making time plan one should alternation between heavy and light activities.

Reason (R)- It helps to reduce fatigue.

Select the appropriate answer from the options given below.

 - a. Both A and R are true and R is the correct explanation of A

- b. Both A and R are true but R is not the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true

3. Which of the following devices helps to save time and energy? 1

- A. Small handled mop
- B. Long handled mop
- C. Pressure cooker
- D. Pan

Choose the correct option.

- a. A and B
- b. B and C
- c. A and D
- d. C and D

4. Play is a _____ and joyful activity. 1

- a. Emotional
- b. Spontaneous
- c. Calculated
- d. Magical

5. Which of the following practice should not be adopted by a food handler: 1

- a. Wearing clean clothes
- b. Wearing rings
- c. Covering wounds with waterproof tapes
- d. Short nails

6. Cold food stuff should always be held at temperature below 5 degree C because: 1

- a. To keep the food cool
- b. To avoid the growth of microorganism
- c. To avoid cross contamination
- d. To keep it away from insects.

7. What are two characteristics of language of and adolescent? 1

- a. Slang and abbreviations
- b. Babbling and abbreviations
- c. Crying and emotional expressions
- d. Gesture and slangs

Anup likes to solve different types of puzzles. It will help in developing his _____ skills. 1

- a. Social
- b. Emotional
- c. Physical
- d. Cognitive

9. **Match list I with list II** 1

List I(Food)

List II(Adulterants)

- | | |
|---------------------|-------------------|
| A. Suji | I. Washing soda |
| B. Red chili powder | II. Iron fillings |
| C. Coffee | III. Rhodamine B |
| D. Sugar | IV. Tamarind |

Choose the correct option:

- a. A-III; B-IV; C-II; D-I
- b. A-IV; B-III; C-I; D-II
- c. A-II; B-III; C-IV; D-I
- d. A-IV; B-I; C-III; D-II

10. Cotton clothes get effected by silverfish due to presence of: 1

- a. Moisture
- b. Grubs
- c. Starch
- d. Gum

11. Vegetarians can include protein in their meals by consuming: 1

- a. Pineapple
- b. Pulses
- c. Beetroot
- d. Apple

12. Which of the following is an example of fixed time activity? 1

- a. Lunch time
- b. Talking with your friends
- c. School time
- d. Searching on internet.

13. Working in a correct posture helps a person to: 1

- a. Get enough rest

- b. Feel motivated
- c. Save energy
- d. Do two activities at same time

CASE STUDY BASED QUESTIONS

Read the passage carefully. Answer question no. 14 to 18

Stain removal is the process of removing a mark or spot from the fabric. A reagent or detergent is generally used to remove stain. There are various types of stains which can be identified by colour, smell or feel. Stain should be removed when fresh and precautions should be taken while stain removing. Fabric should be rinsed in water thoroughly to remove all traces of any reagent or chemical used.

14. Which chemical can be used to remove tea stain from a white cotton shirt? 1
 - a. Oxalic acid
 - b. Acetone
 - c. Borax
 - d. Talcum powder
15. Which of the following is a mineral stain? 1
 - a. Rust
 - b. Oil
 - c. Milk
 - d. Coffee
16. Arrange the following steps used in sponging method in the correct sequence. 1
 - I. Rinse thoroughly
 - II. A soft cloth dipped on stain remover is taken
 - III. Gently scrub the cloth dipped in stain remover over the stain starting from outer corner moving to the centre
 - IV. Place the absorbent paper or fabric under the stain

Choose the correct option.

 - a. I, II, III, IV
 - b. IV, II, III, I
 - c. II, I, IV, III
 - d. III, IV, II, I
17. Which of the following is an acidic reagent used for stain removal? 1
 - a. Vinegar

- b. Turpentine
- c. Ammonia
- d. French chalk

18. While removing stain which of the following action is recommended? 1
- a. Cloth dipped in stain remover rubbed over stain from the outer corner to moving inwards.
 - b. Cloth dipped in stain remover rubbed over stain from centre of stain to outer corner.
 - c. Cloth dipped in stain remover rubbed in circular motion from any side.
 - d. Cloth dipped in stain remover rubbed diagonally on the stain surface

SECTION B

19. Why it is important to manage time? (Any 4 points) 2
20. Name the insects or microorganisms that attacks the following fibres: 2
- a. Cotton
 - b. Wool
 - c. Silk
 - d. Nylon
21. What are the tips you should follow while storing synthetic clothes? 2

OR

Give an example of stain removing reagent used to remove the following stains:

- a. Rust
- b. Paints
- c. Perspiration
- d. Oils

22. What 4 steps would you adopt while removing unknown stains? 2
23. Managing energy is very important. Give its four advantages. 2
24. Name any 2 agents used for finishing of garments while laundering. Specify their role in finishing. 2
25. Explain the importance of play in stimulating the mental development. 2
26. Explain the term transductive reasoning in context to early childhood. Give an example of it. 3
27. Your brother's family often suffers from food born infectious diseases. What could be its four possible reasons? 3
28. List six common malpractices adopted by traders to cheat consumers. 3

OR

What are the different kinds of fatigue you may suffer while giving your exam? Give their reasons.

29. How do occasion, climate and occupation influences meal planning? Explain with the help of an example. 3

SECTION - C

30. What are the guidelines you should follow while planning a meal. 4
31. Suggest an appropriate menu for dinner and classify food items included in it according to food groups. 4

OR

While storing woolen clothes what four precautions you should take. Give reasons for each.

32. List four typical cognitive characteristics of adolescents which make them apart from other children. 4
33. State for rules which you have to follow to maintain the kitchen hygiene. 4

OR

Explain any four work simplification methods, with the help of examples.

34. You have to prepare for your board examination. Make a time plan for a day for yourself. Write any two advantages of making a time plan. 5
35. Rita has to starch her cotton clothes. What all does she need and how should she prepare and use it? Also tell how it helps the fabric? 5

OR

What are the food standards listed by FSSAI?

***** END OF THE QUESTION PAPER*****