



INDIAN SCHOOL SOHAR
TERM I EXAMINATION (2017-2018)
SCIENCE

CLASS: VI
DATE: 24/09/2017

MAX. MARKS: 80
TIME: 3 HOURS

General Instructions:

- a. The Question paper has 27 questions in all. All questions are compulsory.
- b. Marks are indicated against each question.
- c. Question number 1 and 2 carry 1 mark.
- d. Question number from 3 to 11 carry 2 marks.
- e. Question number from 12 to 21 carry 3 marks.
- f. Question number from 22 to 27 carry 5 marks.

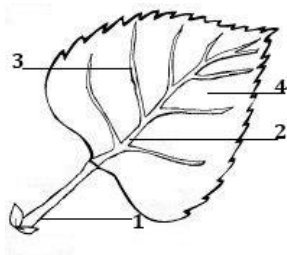
1. Name one food item containing the vitamin which keeps skin and eyes healthy. 1
2. Why is water called universal solvent? 1
3. If the diet of a person remains deficient in both proteins and carbohydrates for a long time, such a person becomes very thin and weak. 2
 - a) What is the name of deficiency disease?
 - b) Give one source of carbohydrate and protein each.
4. Water does not provide nutrients, yet it is an important component of food. Explain by giving only two points. 2
5. Yarn, fabric and fibres are related to each other. Show the relationship by filling the blanks in the following sentence.
 Fabric of cotton saree is made by ----- cotton----- which in turn is made by ----- thin cotton----- 2
6. How will you test for protein in a food sample? 2
7. Sarika, Anita, and Ravi have to dissolve maximum of sugar in the same amount of milk so as to win a game. Ravi took hot boiling milk while Anita took ice cold milk. Sarika managed to get milk at room temperature. Whom do you think would win the game and why? 2
8. How will you obtain clear water from a sample of water containing fine mud particles? 2
9. Write any two characteristics of irreversible changes. 2
10. The burning of candle and melting of wax are two different changes. Explain it. 2
11. Observe the picture of an activity carried out with leaves of plants and plastic bag. 2



Now answer the following.

- a) Which process is demonstrated in this activity?
 - b) What will you observe in the polythene bag after a few hours of setting up the activity?
12. Why do we eat food? (Any 3 points) 3
13. a) Name the part of the plant which produces food.
b) Bees store honey in their hive. Why? 3
14. How classification is useful. Explain in three points. 3
15. Name and describe briefly a method which can be helpful in separating a mixture of husk from grains. What is the principle of this method? 3
16. Explain, how a metal rim slightly smaller than a wooden wheel can be fixed on it? (3 points) 3
17. Observe the figure and answer the questions that follow it.

Fig.



- a) Label the parts 1, 2, 3 and 4 in the diagram.
 - b) What type of venation does the leaf have?
 - c) What type of venation is seen in grass leaves? 3
18. What is the role of muscles in the movement of bones? 3
19. (A) Name the following. 3
- a. Bones that join with chest bone at one end and to the backbone at the other end.
 - b. Joint where our neck joins our head.
 - c. Hard structure that forms the skeleton
 - d. Part of the body with a fixed joint
- (B) Define streamlined body.
20. a) In which season, jute is cultivated?
b) Explain how fibres are obtained from the jute plants (2 points) 3
21. A Cotton fabric, before it reaches you, completes a long journey, Explain this journey after hand picking cotton balls. 3
22. a) Group the following animals based on food habits.
1. Camel 2. Tiger 3. Goat 4. Crow 5. Crocodile 6. Dog
b) Write two edible parts of each.
1. Coriander 2. Banana plant 5

23. a) What is roughage? Write two advantages of roughage in food. Give example of two food items rich in roughage.

b) Why is it advised to take iodized salt? 5

24. Identify the property of the material in the following used.....

a) Copper in electric wires

b) Glass in window panes.

c) Wood in boats

d) Diamond in jewellery

e) Sugar in water. 5

25. a) Give three reasons that separation of substance is needed with one example each.

b) Is it possible to separate sugar mixed with flour? If yes, how will you do it? 5

26. (A) Read the function of parts of a plant given below: 5

a) Fixes to the soil

b) Prepares starch

c) Takes part in reproduction

d) Supports plant and transports water and minerals.

Write the names of the parts whose functions you have just read.

(B) Write any two differences between shrub and tree.

(C) Pitcher plant has green leaves and can prepare food by photosynthesis. Then why does it eat insects?

27. Write five adaptive features of the birds, which help them in flying. 5

OR

(A) How does a snail move on the ground? (Write three points)

(B) Write any two adaptive features of fish which enables it to swim.

*****The End*****