



INDIAN SCHOOL SOHAR
TERM I EXAMINATION (2019-20)
SUBJECT: SCIENCE

CLASS: VI
 DATE: 22/09/2019

MAX. MARKS: 80
 DURATION: 3 HOURS

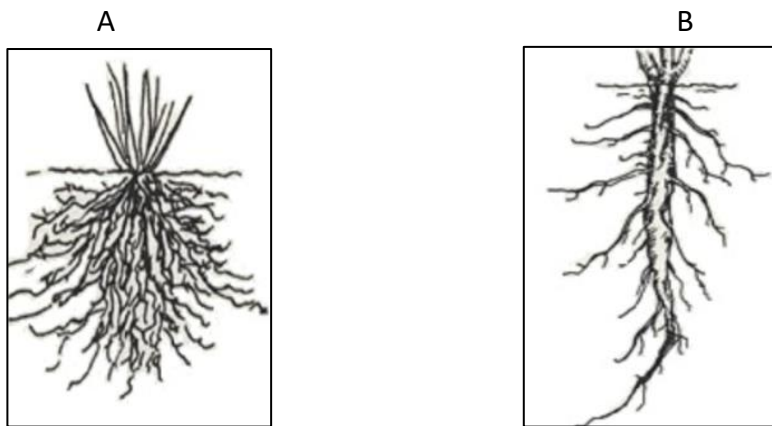
General Instructions: -

- I. The Question paper consists of **36** questions comprising of three Sections- **A, B and C**.
- II. **All** questions are compulsory.
- III. Internal choice is given in Sections - **B and C**.
- IV. Question numbers **1 to 20** in Section - **A** are of **one** mark each.
 (Q 1 to 10-MCQs, 11 to 19- very short answer type to be answered in one word or 1 sentence,
 Q.20 - assertion & reasoning)
- V. Question numbers **21 to 30** in Section - **B** are **three** marks each. These are to be answered in about 50 words.
- VI. Question numbers **31 to 36** in Section - **C** are **five** marks each. These are to be answered in about 70 words.
- VII. There is no overall choice. However, an internal choice is provided in question number **24, 25, 26 & 27** of 3 marks and question number **31, 35 & 36** of 5 marks. Attempt only one of the choices in such questions.

SECTION – A

1. The part of the banana plant that is not used as food 1
 A) Fruit B) flower C) stem D) root
2. Which of the following sources of protein is different from the others? 1
 A) Peas B) gram C) soya beans D) paneer
3. A disease which is caused by deficiency of Vitamin B₁ in food is 1
 A) Fever B) Anaemia C) Beri – Beri D) Rickets
4. The correct sequence to get cloth is: 1
 A) Fibre →fabric →yarn B) fibre →yarn →fabric
 C) Fabric →yarn→ fibre D) yarn →fibre →fabric
5. Pick one material from the following which is completely soluble in water. 1
 A) Glucose B) chalk powder C) saw dust D) kerosene
6. Chalk powder suspension in water is separated by 1
 A) Condensation B) sedimentation C) decantation D) filtration
7. Baking a cake is an example of 1
 A) Irreversible change B) physical change
 C) Chemical change D) irreversible and chemical change
8. The food prepared by the plant is stored as 1
 A) Proteins B) fats C) starch D) nutrients
9. Which of the following terms constitute the female part of the flower? 1
 A) Sepals, petal and stamen B) stigma, style and ovary
 C) Ovary, stamen and stigma D) ovary, style and stamen
10. Snail moves with the help of its 1
 A) Shell B) bone C) muscular foot D) whole body

11. Where do bees store honey? 1
12. Name two energy providing nutrients present in our food. 1
13. Which nutrient in food helps in clotting of blood during injuries? 1
14. How is spinning done on a large scale? 1
15. Why do metals lose shine and appear dull after sometime? 1
16. How can we separate sand from water? 1
17. What kind of change is seen during cloud formation? 1
18. Identify the type of root shown in the figure A and B. 1



19. Mention any two locations where cartilage is present in our body. 1
 20. In the following question, a statement of assertion is followed by a statement of reason.
Mark the correct choice as: 1
- Assertion(A):** Petals are brightly coloured.
- Reason(R):** Petals help in attracting insects for pollination.
- a) Both A & R are true but R is not the correct explanation of A.
 - b) Both A & R are true but R is the correct explanation of A.
 - c) A is true but R is false.
 - d) A is false but R is true.
 - e) Both A and R are false.

SECTION – B

21. Why should we avoid wastage of food? (Any 3 points) 3
22. 'Water does not provide any nutrient. Yet, it is an important component of food'. Explain?
(Any 3 points) 3
23. Define the following: 3
 - a) Obesity
 - b) Balanced diet
 - c) Deficiency disease
24. a) Write the difference between natural and synthetic fibres with an example of each. 3
b) What is ginning?

OR

Fill in the blanks from A to F in the table given below.

Types of joints	Location	Movement
Ball and socket joint	A) -----	B) -----
C) -----	D) -----	Only a back and forth movement
E) -----	Neck	F) -----

- 25.a) Differentiate between hard and soft substances. Give an example of each. 3
 b) What are lustrous materials?

OR

- a) What is weaving?
 b) What will happen if we pull the yarn from a torn pair of socks? Give reasons.

26. Lemonade is prepared by mixing lemon juice and sugar in water. You wish to add ice to cool it. 3
 (i) When should you add ice to the lemonade before or after dissolving sugar?
 (ii) In which case would it be possible to dissolve more sugar and why?

OR

Take a potted plant with green leaves. Place the plant in a dark room for two days. Cover a part of the leaf with a black paper strip. Leave the plant in sun for a day. Pluck the leaf that was partly covered by the black strip from the plant. Remove the black strip and test for the presence of starch.

- a) Write your observation.
 b) Which part of the leaf showed the presence of starch?
 c) What conclusion can be drawn from this experiment?

27. How is curd formed from milk? Is this change reversible? 3

OR

Write any three important functions of skeleton in our body?

28. Write three main functions of a stem in a plant? 3
 29. a) Define photosynthesis. 3
 b) How are creepers different from climbers? (Any 2 points)
 30. Explain, how muscles work in pair to move the body. 3

SECTION – C

31. a) Why do organisms need food? Give 3 reasons. 5
 b) Mention any two food items which we get from animal or animal products.
 c) Which nutrient is present more in sprouted seeds?

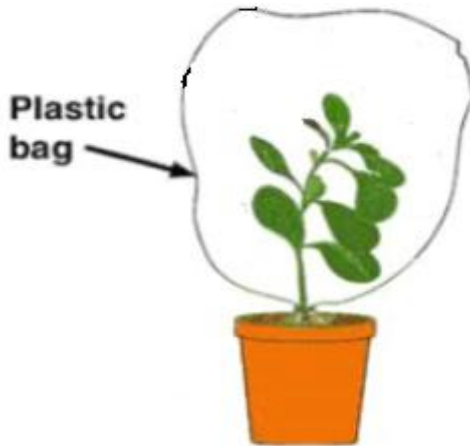
OR

- a) What are nutrients?
 b) Name any two sources of roughage.
 c) Give any one reason for the following:
 (i) Sick people need more protein in their diet.
 (ii) People who do more physical work need carbohydrates.
 (iii) Roughage is an essential component of our food.

32. a) List the steps involved in the preparation of fabric. 5
 b) From which part of the plant, cotton and jute are obtained?
 c) Write the name of two items made from coconut fibre.
33. Classify the following things as transparent, opaque and translucent. 5
 Marble, computer, yellow yolk of an egg, plastic sheet, smoke, water, frosted glass, butter paper, air, glass door.
34. a) How would you obtain clear water from a sample of muddy water? Explain. 5
 b) What is winnowing and sieving? Give an example of each.
35. a) Why does a blacksmith heat the metal rim to fix it on a wooden wheel? Explain. 5
 b) What is the effect of heating and cooling on some materials?

OR

Observe the given experimental set-up and answer the following.



- a) Name the process demonstrated in this activity.
 b) When will this activity show better result - on a bright sunny day or a cloudy day?
 c) What will you observe in the polythene bag after few hours of setting up the activity? And why?
 d) Mention one precaution you must take while performing this activity?
36. List five features that enable a bird to fly in air. 5

OR

Fill in the blanks from A to J in the table given below:

Vitamin/Mineral	Deficiency disease/disorder	Symptoms
A) -----	B) -----	Bones become soft and bent
Vitamin A	C)-----	D) -----
E) -----	Scurvy	F) -----
Iron	G) -----	H) -----
I)-----	Bone and tooth decay	J) -----