

**BUDHA DAL PUBLIC SCHOOL PATIALA**  
**First Term Examination (8 September 2023)**  
**CLASS - VI**  
**PAPER- SCIENCE (SET-A)**

M.M. 80

Time: 3 hr.

**General Instructions:**

1. All questions are compulsory.
2. Attempt all questions section wise in the serial order neatly and leave one line after every answer.
3. Draw neat and labelled diagrams wherever required.

**Section – I (10 Marks)**

(5×1=5)

**Q1. Answer in one word :**

1. How is length of a curved line measured?
2. Give example of a fibre which is obtained from animals
3. Name an organism which feeds on dead plants and animals & decompose them.
4. Body building foods are rich in which nutrient?
5. Which is the hardest known natural substance?

**Q2. Tick the correct answer in the following Multiple Choice Questions.** (5×1=5)

1. You are provided with stone, piece of wood and leaf, which of these will sink in water?  
a) stone    b) piece of wood    c) leaf    d) all of these
2. Which of these is heavy insoluble solid particles that settle down at the bottom of solution?  
a) sediment    b) filtrate    c) residue    d) decant
3. In this question, two statements are given - one Assertion (A) and other Reason (R) select the correct answer from the given codes  
Assertion (A) : Handspan cannot be used as standard unit of length  
Reason (R) : The size of handspan varies from person to person.  
a) Both A and R are true and R is correct explanation of A.  
b) Both A and R are true but R is not correct explanation of A.  
c) A is true but R is false.  
d) A is false but R is true.
4. A car moving in a straight line is example of which type of motion?  
a) rectilinear    b) curvilinear    c) periodic    d) rotatory
5. Which of these is natural source of light?  
a) Burning candle    b) fireflies    c) electric bulb    d) lighted torch

A-1



Section - II (20 marks)

Q2. Answer these questions briefly (Do any 10) :

(2×10=20)

1. Define edible parts. Which are edible parts in carrot?
2. What are parasites? Name two parasites that live inside the body of other animals.
3. List two cooking practices that lead to the loss of nutrients from the food material.
4. Write two advantages of natural fibres.
5. What are transparent objects? Give two examples.
6. Define : (a) shearing (b) ginning
7. What is homogeneous mixture? Write two examples.
8. List two uses of sieving in everyday life.
9. When is an object said to be in motion?
10. What is lateral inversion?
11. Vivek travels from his home to market which is 8 kilometre from his home. What is the distance travelled by him in metres from his home to market?

Section - III (30 Marks)

Q4. Answer the following questions : (Do any 10)

(3×10=30)

1. Write any three features of living things.
2. How is Kwashiorkor caused? Write its two symptoms.
3. Give reasons :
  - a) Why are soft drinks sealed under high pressure in the bottles?
  - b) Why does a pregnant woman need more protein in her diet?
  - c) Why should a person visiting Jaipur during summer vacation wear cotton clothes?
4. Differentiate between periodic and non-periodic motion with examples.
5. Write an activity to show that fat is present in a given food sample.
6. a) What is meant by food chain? Give one example.  
b) Name the first organism in a food chain.
7. Write any three properties of solids.
8. Your mother accidently mixes wheat flour, arhar dal and gram seeds. Which methods should be used to separate these three things? Explain.
9. What are the three conditions necessary for formation of shadow?
10. What is reflection of light? What type of objects reflect more light?
11. Write three special characteristics of Herbivores.



Section - IV (20 Marks)

Q5. Match the Following:

(3×10=30)

Column I

Column II

1. Sericulture	a) Separating jute fibres
2. Firefly	b) Inverted image
3. Sugar is a type of	c) Settling of heavier components at bottom
4. Salt mixed in water	d) Separated by evaporation
5. Retting	e) Synthetic fibre
6. Iodine deficiency	f) Luminous object
7. Sedimentation	g) Rearing of silkworm
8. Polyester	h) Simple carbohydrate
9. Pebbles in rice flour	i) Separated by handpicking
10. Pinhole camera	j) Causes goitre

Q6.. Name the type of motion:

(5×1=5)

1. An athlete running on a circular track.
2. Bullet fired from a gun upto some distance.
3. String of a guitar
4. Pendulum of a clock
5. Needle of a sewing machine

Q7. Classify the following as (miscible /soluble) or immiscible/insoluble substances in water - (10×1/2=5)

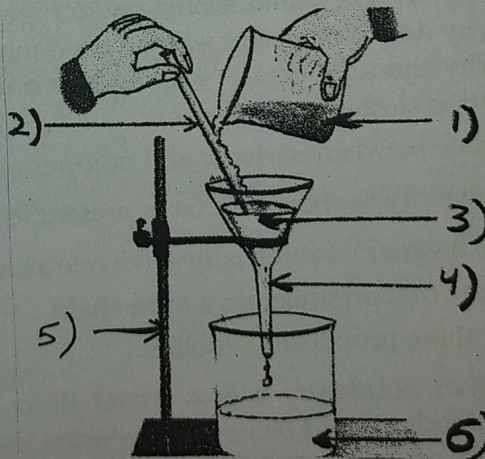
Washing soda, Glycerine, Vinegar, Common salt, Kerosene, Honey, Oxygen, Plastic, Lemon juice, Vegetable oil

Q8. Label the following diagram

(6×1/2=3)

a) Label the part 1 to 6

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



b) Name the process of separation used. (1)

c) Give one use of this process in everyday life. (1)