

BUDHA DAL PUBLIC SCHOOL PATIALA

First Term Examination (8 September 2023)

CLASS - VI

PAPER- SCIENCE (SET-B)

Time:3 hr.

M.M. 80

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)

Q1. Answer in one word :

(5×1=5)

1. Which invention is responsible for the changes in means of transport?
2. Give example of a fibre which is obtained from plants.
3. Name an animal that eats the flesh of dead animals and keeps the surroundings clean.
4. Protective foods are rich in which nutrient?
5. Which gas is present in the carbonated drinks?

Q2. Tick the correct answer in the following Multiple Choice Questions.

(5×1=5)

1. You are provided with coin, stone, leaf and iron nail, which of these will float on water?
a) stone b) coin c) iron nail d) leaf
2. When we add alum crystal in muddy water, the rate of sedimentation
a) decreases b) increases c) no change d) none of these
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) : A pace or a footstep cannot be used as standard unit of length.
Reason (R) : The size of pace and footstep 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. Spinning top is an example of which type of motion
a) Rotatory b) Rectilinear c) Vibratory d) Curvilinear
5. Which of these is human made source of light?
a) Stars b) Fireflies c) Tubelight d) Sun

B-1

Section - II (20 marks)

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

(2×10=20)

1. Define apiculture. What is honey used for?
2. What is roughage? Write its use.
3. Define parasites. Name two parasites that live outside the body of other animals.
4. Write two advantages of synthetic fibres.
5. What are opaque objects? Give two examples.
6. Define : (a) sericulture (b) spinning
7. What is heterogeneous mixture? Write two examples.
8. List two uses of filtration in everyday life.
9. When is an object said to be at rest?
10. What is reflection of light?
11. Raghu has to travel by bus from his home to school which is 5 kilometre away from his home. Calculate the distance travelled by him in metres from his home to school.

Section - III (30 Marks)

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

(3×10=30)

1. Write any three features of non-living things.
2. How is Marasmus caused? Write its two symptoms.
3. Give reasons :
 - a) Why are aquatic animals able to survive in water?
 - b) Why does a nursing mother need more proteins, calcium and vitamins in her diet?
 - c) Why should a person not wear synthetic clothes while lighting diyas on Diwali?
4. Differentiate between rectilinear and curvilinear motion with examples.
5. Write an activity to show that starch is present in given food sample.
6. Write any three important functions of food.
7. List any three properties of gases.
8. Riya's mother goes to market to buy mangoes. Which method should she use to select best mangoes and why?
9. Write three characteristics of a shadow.
10. How is image of an object formed? Why are we able to see our image in the water of a swimming pool?
11. Write three special characteristics of Carnivores.

Section – IV (20 Marks)

Q5. Match the Following:

(3×10=30)

Column I

Column II

| | |
|-------------------------|-------------------------|
| 1. Mirror | a) Alum |
| 2. Dietary Fibre | b) Tea & Tea leaves |
| 3. Vitamin A deficiency | c) Non luminous |
| 4. Gunny bags | d) Terrycot |
| 5. Shearing | e) Complex carbohydrate |
| 6. Mixed fibre | f) Jute |
| 7. Starch | g) Helps in digestion |
| 8. Loading | h) Reflection |
| 9. Moon | i) Night blindness |
| 10. Filtration | j) Wool |

Q6. Name the type of motion:

(5×1=5)

- Heartbeat of a normal person
- A person drawing water from a well
- A javelin thrown by an athlete
- Rotation of Earth on its axis
- Motion of a swing

Q7. Classify the following as (miscible /soluble) or immiscible/insoluble substances in water - (10×½=5)

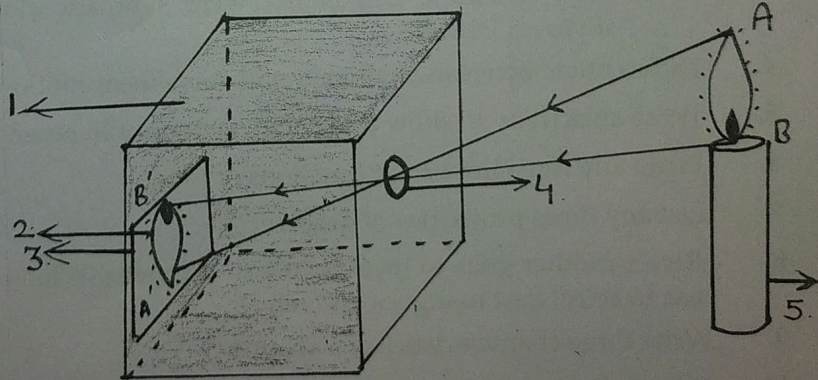
Milk, Orange juice, Sugar, Hydrogen, petrol, Vinegar, Mustard oil, Alcohol, Chalk powder, Sand

Q8. Label the following diagram

(5×½=2½)

a) Label the part 1 to 5

- _____
- _____
- _____
- _____
- _____



b) What type of image is shown by pinhole camera? (½)

c) Mention any two uses of pinhole camera. (2)