



# B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS  
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL

PRE-MIDTERM (2025-26)

SCIENCE

SCIENCE MARKING SCHEME

Class: VI

Date: 08/08/'25

Time: 1hour

Max Marks: 25

## SECTION- A

1. (c) Ragi 1
2. (c) Goitre 1
3. (d) To prevent self-demagnetisation. 1
4. (c) Light bulbs 1
5. (b) When freely suspended 1

## SECTION- B

6. Good fats, like unsaturated fats, can help our bodies stay healthy, while bad fats, like saturated and trans fats, can be harmful if we eat too much of them. 2
7. Deficiency diseases are illnesses caused by a lack of essential nutrients, like vitamins and minerals, in the body over a prolonged period. 1

Classification: 1. Carbohydrates and protein deficiency disease 1 (any2)

2. Vitamin deficiency disease

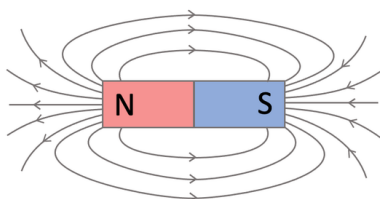
3. Mineral deficiency disease

8. Define: 2

(a) The force that a magnet exerts on certain objects to attract them is known as magnetic force.

(b) The ends of a magnet that exert the maximum magnetic force are called its poles.

9.



2

## **SECTION-C**

**10.** Vitamins are essential organic compounds that the body needs in small amounts for various biological functions like growth, development, and maintaining overall health. They are broadly classified into two categories: fat-soluble and water-soluble.

Fat-soluble vitamins (A, D, E, and K)

Water-soluble vitamins (the B vitamins and vitamin C) 1+2

**11.** Magnetic Materials Non-Magnetic Materials .Materials that are attracted to magnets are said to be magnetic. Materials that are not attracted to magnets are said to be non-magnetic. Iron, cobalt, and nickel are some examples of magnetic materials. Wood, paper, and plastic are some examples of non-magnetic materials. 3

**12.** The following steps can be followed to turn an iron bar into a magnet: • Stroke the iron bar repeatedly in one direction with one pole of a magnet.

- When the bar is stroked at least 30–40 times, it becomes a magnet. It can be tested by bringing the iron bar close to some magnetic materials.

- Keep in mind that the direction of the movement of the bar magnet and the pole of the magnet should not change while stroking the nail. 1+1+1

**13.** • Magnets are used to hold down or hold together objects such as refrigerator doors, pencil-box lids, and pins.

- Magnets are used in magnetic cranes to separate discarded magnetic materials from other waste materials.

- Magnets are used to make magnetic compasses. (Accept all relevant responses.) 1+1+1

\*\*\*\*\*ALL THE BEST\*\*\*\*\*