

## STD V Science First Term Question Paper

Total Marks: **25**

Attempt any **5** out of the **7** activities listed below.

### Activity **1**

Prepare a balanced diet plan for one day using only ingredients commonly found around your home. Label each food item according to the nutrients it provides (carbohydrate, protein, vitamins, minerals, fats). Also Suggest one change to make your school's noon meal more nutritious.

### Activity **2**

Design a simple experiment using magnets to identify magnetic and non-magnetic substances at home.

- List the materials used
- Describe the procedure
- Tabulate your findings
- Explain why some materials were attracted and some were not

### Activity **3**

Create a human body map showing at least 6 major bones or joints, explaining:

- The function of each bone
- A situation where injury to that bone could affect daily life (example: falling and hurting the femur)

### Activity **4**

Choose two deficiency diseases from your textbook (one from vitamins, one from minerals).

For each:

- Name the disease
- Explain its cause and symptoms
- Suggest 2 affordable local food items that could prevent it

### Activity **5**

Create a script/dialogue between two students where one gets a minor fracture during play and the other gives first aid following correct procedures.

Include mention of symptoms, first aid techniques, and a visit to the doctor.

### Activity **6**

Invent a game or craft using magnets (e.g., a magnetic fish, compass navigation game, jumping frog).

Draw the setup or describe it clearly. Explain how magnetic force plays a role in the game.

#### Activity **7**

Perform the iodine starch test on 3 common food items from your kitchen.

- Record the observations
  - Create a table showing colour change
  - Mention the type of carbohydrate present
- Explain how this helps understand energy-giving food.

[www.educationobserver.com](http://www.educationobserver.com)