

GREENLAWNS SCHOOL, WORLI
TERMINAL EXAMINATION: 2025-26
SCIENCE

Std: V
Date: 15/09/2025

Marks: 80
Time: 2 hours

Attempt all questions. Diagrams to be drawn with a pencil.
Figures to the right indicate the marks []

Q I) Choose one correct answer to the questions from the given options: [10]

- a. Nisha is suffering from night blindness. This disease is caused due to the deficiency of:
(i) Vitamin A (ii) Vitamin B (iii) Vitamin C (iv) Vitamin D
- b. The male part of the flower is known as:
(i) Carpel (ii) Thalamus (iii) Pedicel (iv) Stamen
- c. Moulds and mushrooms depending upon the decaying plants and animals for food belong to the category of:
(i) Parasites (ii) Decomposers (iii) Saprophytes (iv) Scavengers
- d. The cool air that moves from sea towards the land during the day is called:
(i) Land breeze (ii) Sea breeze (iii) Tornado (iv) None
- e. Work done is measured in:
(i) Metre (ii) Centimetre (iii) Joules (iv) Newton
- f. A rigid rod which is free to move about a fixed point is known as:
(i) Inclined plane (ii) Pulley (iii) Lever (iv) Wedge
- g. Maize and wheat are examples of flowers which are pollinated by:
(i) Water (ii) Wind (iii) Insects (iv) Birds
- h. Which simple machine changes the direction of force in order to make work done easier and simpler?
(i) Lever (ii) Pulley (iii) Screw (iv) Wheel & axle
- i. The process of reckless cutting down of trees is known as:
(i) Deforestation (ii) Afforestation (iii) Soil erosion (iv) All of these
- j. A solid getting converted into its gaseous form directly, as shown below depicts the process of:
(i) Condensation (ii) Evaporation
(iii) Sublimation (iv) Melting



Q II) State whether the following statements are true or false. If false, correct the statement: [5]

- Iron is needed for the formation of haemoglobin.
- A flower in which one or more whorls is missing is called a complete flower.
- Air occupies space and has mass.
- The energy possessed by a body at higher temperature is known as chemical energy.
- Steeper is the slope of the inclined plane, easier it gets to push up a load.

Q III) Fill in the blanks: [5]

- The interaction between different kind of organisms is known as _____.
- Nut cracker and bottle opener are examples of _____ lever.
- _____ protects the inner floral whorls during the bud formation.
- Disease causing microorganisms are called _____.
- _____ is present in all green leaves and also in the young green stems.

Q. IV) Match the following: [5]

- | | |
|-------------------|--|
| a. Aerated drinks | i. Suspended gas in air. |
| b. Liquids | ii. Carbon dioxide |
| c. Solids | iii. Indefinite shape, indefinite volume |
| d. Gases | iv. Definite shape, definite volume |
| e. Vapour | v. Indefinite shape, definite volume |

Q V) Define the following terms: [6]

- | | |
|-------------------|----------------|
| a. Photosynthesis | d. Energy |
| b. Simple machine | e. Vaccination |
| c. Balanced diet | f. Thalamus |

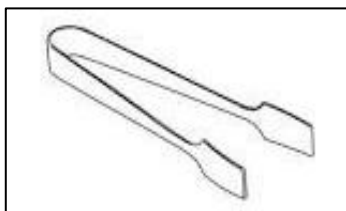
Q VI) Give one word for the following: [4]

- Animals which kill other organisms for food.
- The mixture formed by dissolving a soluble substance in water.
- The position in which we hold our body when we sit, stand or move.
- The energy produced by a vibrating body.

Q VII) Distinguish between the following with reference to what is stated within the brackets: [5]

- Chickenpox and Rickets (type of disease)
- Anaemia and Goitre (cause)
- Soluble and Insoluble substances (one example each)
- Elements and Compounds (nature of atoms)
- Renewable and Non-Renewable sources of energy (meaning)

Q VIII A) Look at the given picture of a lever and answer the following questions:

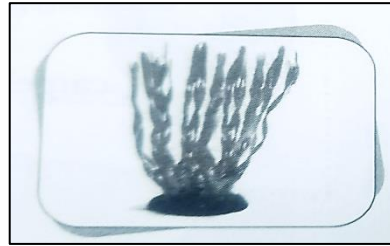


- Given is a picture of class _____ lever. [1]
- What lies in the middle? _____ (load/effort) [1]
- Name two other examples of lever of this class. [1]

Q VIII B) Sam watched a movie in which the following flowers were shown to be pollinated by certain agents. Help him know the following:



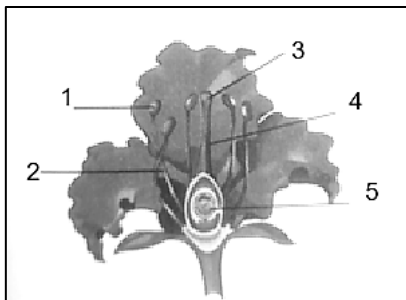
A. Sunflower



B. Vallisneria

- a. Identify the agent suitable for pollination of the above given flowers A and B. [2]
- b. Give one characteristic of each type of flower that makes them suitable for these agents to pollinate them. [2]

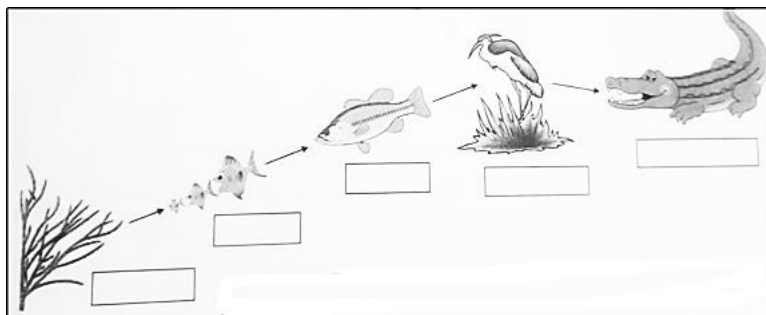
Q VIII C) Meera saw a drawing in the notice board of her school. Can you help her understand the drawing:



- a. Label the parts as shown. [2½]
- b. Name the whorl of the flower containing:
 - i. parts '1' and '2' [½]
 - ii. parts '3', '4' and '5' [½]
- c. Which type of a flower has all the parts as shown in the drawing. Give one example of such type. [1]
- d. Give a function of the outermost whorl of a flower. [1]
- e. Papaya contains only one reproductive part of its flower. What is this type of flower known as? [½]

Q VIII D) Shruti visited an aquarium and saw a picture as shown below.

- a) Identify the various organisms given as a, b, c, d & e.
- b) Define a food chain.



Q IX) Answer the following questions:

- a. Sarah eats very little fruits and vegetables and often suffers from constipation. Which nutrient is missing in her diet and why is it important? [2]
- b. How does malaria spread? [2]
- c. Give any two conditions that enhance the formation of a solution. [2]
- d. Calculate the work done by a woman lifting water from a well if she applies a force of 20 N and the rope moved by a distance of 5m. [2]
- e. Kavish visited a forest and observed fallen leaves, dead plants and animals remains lying on the ground. He noticed that with time these were broken down into simpler substance and mixed with soil. Which group of organisms is responsible for this process and what would happen to the environment if these organisms were absent? [2]
- f. Amit eats burgers, chips and sugary drinks everyday. He often feels tired and has gained excess weight. [3]
 - i. What type of food does Amit eat every day?
 - ii. Name the nutrient surplus in this type of food.
 - iii. List two adverse effects of eating the same?

Q X A) Give scientific reasons for the following: (Give two reasons for each) [10]

- a. A screw is always better than a nail.
- b. Kitchens have exhaust fans near the ceiling.
- c. Cranes make use of magnetic energy.
- d. Ice sellers sprinkle salt over ice to prevent ice from melting.
- e. Food items are adulterated with low quality substance.

Q X B) Draw a neat labelled diagrammatic representation of a pulley. [2]
