

GREENLAWNS SCHOOL, WORLI
FINAL EXAMINATION: 2025-26
SCIENCE

Std: V

Marks: 80

Date: 20/02/2026

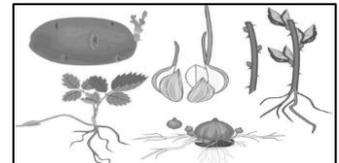
Time: 2 hours

Attempt all questions. Diagrams to be drawn with a pencil. You will not be allowed to write during the first 10 minutes. This time is to be spent in reading the Question paper.

Figures to the right indicate the marks []

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

- a. Riya met with an accident and injured her leg. The bone that was majorly injured was the upper part consisting of the largest bone, also known as the:
(i) Humerus (ii) Radius (iii) Ulna (iv) Femur
- b. The objects which do not allow light to pass through it are known as:
(i) Transparent (ii) Translucent (iii) Opaque (iv) All of these
- c. Most animals produce sound by the vibration of their:
(i) Vocal cords (ii) Wind pipe (iii) Neck muscles (iv) Ear muscles
- d. Housefly carry disease causing germs that stick to its:
(i) Feet (ii) Wings (iii) Head (iv) Antennae
- e. The thinnest blood vessels are the:
(i) Arteries (ii) Capillaries (iii) Veins (iv) None
- f. Which of the following is not an example of dicot seed?
(i) Peas (ii) Gram (iii) Beans (iv) Rice
- g. This type of joint is present at the base of the neck between the first and second vertebrae:
(i) Pivot (ii) Hinge (iii) Gliding (iv) Ball and socket
- h. The darkest portion of a shadow is called:
(i) Umbra (ii) Penumbra (iii) Screen (iv) Source of light
- i. The jerky wave felt at the wrist when blood is pumped into the arteries is known as:
(i) Circulation (ii) Aorta (iii) Pulse (iv) Lumen
- j. The process in which new plants grow from stem, leaves and roots instead of seeds is called:
(i) Sexual reproduction (ii) Seed dispersal
(iii) Vegetative propagation (iv) Fertilization



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

- a. The distance between two adjacent crests or trough is called amplitude.

- b. Gliding joint is the least movable joint.
- c. Plants which have light weight or hairy seeds are dispersed by water.
- d. Solar Eclipse occurs when the earth comes in between the sun and the moon.
- e. The heart of human beings is reddish brown in colour.

Q III) Fill in the blanks: **[5]**

- a. Stagnant water becomes a breeding place for _____.
- b. The last two pairs of ribs that are not attached to sternum are known as _____ ribs.
- c. A true fruit is a ripened _____ formed after pollination and fertilisation.
- d. Fire alarms and ambulance siren are examples of _____ sounds.
- e. A shadow is always formed on the _____ side to that of light.

Q. IV) Match the following: **[6]**

- | | |
|-----------------------|----------------------------|
| a. Sound of a whistle | i. Transparent object |
| b. Drum beat | ii. Dispersal by wind |
| c. Dandelion seeds | iii. Shrill sound |
| d. Poppy seeds | iv. Translucent object |
| e. Butter paper | v. Flat sound |
| f. Ordinary glass | vi. Dispersal by explosion |
| | vii. Soft sound |

Q V) Define the following terms: **[6]**

- | | |
|----------------|-----------------------|
| a. Health | d. Circulatory system |
| b. Reflection | e. Posture |
| c. Germination | f. Frequency |

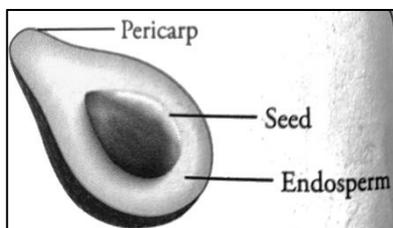
Q VI) Give one word for the following: **[4]**

- a. The seed leaves which store food for the growing embryo.
- b. The blood vessels that distribute pure blood to all parts of the body.
- c. The long bony structure present on the extreme back of our body and is made up of 33 bones.
- d. The form of energy that produces the sensation of vision.

Q VII) Distinguish between the following with reference to what is stated within the brackets: **[4]**

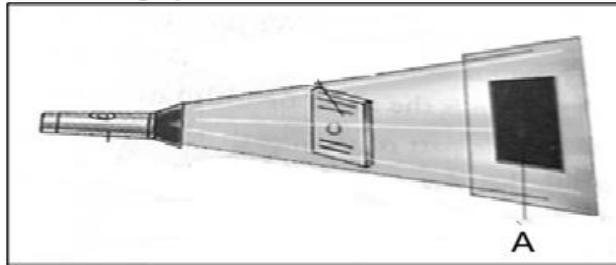
- a. Right auricle and Left auricle (type of blood)
- b. Vertebral column and Ribcage (function)
- c. Air borne and Food borne infection (one example each)
- d. Shoulder girdle and Hip girdle (structure)

Q VIII A) Seema saw the below given picture in her Science textbook and started wondering how can a fruit be related to a flower. Help Seema in answering her queries given below:



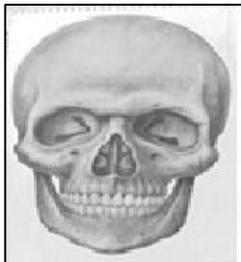
- a. Which part of the flower forms the pericarp? **[1]**
- b. What happens to the petals and calyx post fertilization? **[1]**
- c. Define seed dispersal. **[1]**
- d. Give any two points of importance of seed dispersal. **[2]**

Q VIII B) Aarav was looking for his diary in the night using his grandfather’s torch. He got scared to see a dark patch instead. Quickly, he ran to his grandfather and asked the following questions to him:



- a. What is the dark patch ‘A’ known as? [½]
- b. Give two reasons for the formation of this dark patch. [2]
- c. Mention any two conditions for the formation of Patch ‘A’? [2]
- d. What is the name given to such phenomena occurring in outer space? [½]

Q VIII C) Shwet found the given skeletal structures in his science lab. He got curious to know more about the following:



A

- a. Identify the structure in picture **A**. What is the total number of bones found in this structure? [1]
- b. Mention its two functions. [2]
- c. Which bone of this structure is movable? [1]
- d. Which is the hardest substance in our body and where is it found? [1]

e. Identify the structure in picture **B**. What is the name given to the upper part of this structure?

f. Mention the function of this structure.



B

[1]

[1]

Q VIII D) Hitanshi is preparing a chart to spread awareness in her society. She has listed down a few items from her daily use and is now trying to place them under the category of biodegradable and non-biodegradable waste.

Draw the table and place the following objects in the correct column:

[3]

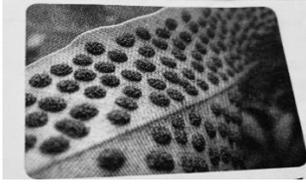
Broken glass, aluminium can, egg shells, plastic mug, old newspapers, tea leaves.

Biodegradable waste	Non-biodegradable waste

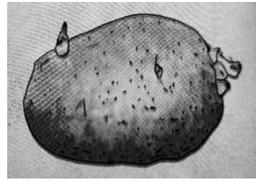
Q IX) Answer the following questions:

[10]

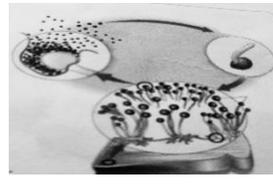
- a. Tej saw blood coming out from his finger. He went to the doctor immediately. Explain any two functions of blood to Tej.
- b. Identify the parts of plant used for reproduction as shown in pictures given below:



i) Ferns



ii) Potato



iii) Fungi



iv) Onion

- c. Mitesh was facing sleeping problems owing to the loud music being played in his neighborhood for the last 4 days. He wrote a letter to his Society office requesting to take immediate action. Suggest two measures that could help Mitesh regain back his sleep.
- d. What does personal hygiene mean to you? What happens when you do not maintain good personal hygiene?
- e. Pragma used to like admiring herself into the mirror for hours. Which two features of light do you think played an important role in seeing Pragma herself in the mirror?

Q X A) Give one scientific reason for the following:

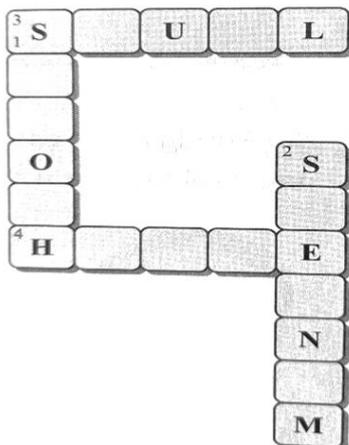
[5]

- a. Our blood looks red in colour.
- b. Doctors often advise to include calcium in your diet.
- c. Plants are the God's greatest blessing to us.
- d. Different types of sound can be produced by human beings.
- e. Washing of hands before and after meals is very essential.

Q X B) Help Anita solve the given crossword puzzle with the help of the keys given.

Write your answers according to the numbers as given below:

[2]



DOWN

- 1. Muscles found in organs that enable functions like digestion.
- 2. Long, flat bone present in the center of the chest.

ACROSS

- 3. Hollow, round structure present in the head.
- 4. Joint present in knees, elbows, etc.

Q X C) Draw a neat labelled diagrammatic representation of a Lunar Eclipse.

[3]
