

**GREENLAWNS HIGH SCHOOL
FINAL EXAMINATION YEAR 2020**

SUBJECT: SCIENCE
TIME: 1 ½ HOURS

CLASS: V
MARKS: 80

NOTE: Attach Section I to your answer booklet. All the questions of Section II are to be written in the Answer booklet.

SECTION I

Q. I. Name the following. [5]

1. The longest bone in the body. _____
2. The male reproductive part of a plant. _____
3. The form of energy that an object possesses due to its position or its movement. _____
4. A simple machine used to lift heavy objects. _____
5. The capacity or the ability to do work. _____

Q. II. Give two examples of each of the following. [6]

1. Ball and socket joint. _____
2. Seeds dispersed by explosion of fruits. _____
3. Plants that reproduce through spores. _____
4. Examples of a wedge _____
5. Examples of work done. _____
6. Food items rich in vitamin C. _____

Q. III. Classify the following **objects** on the basis of the types of lever. [4]
[bottle opener, pair of tongs, see-saw, crowbar, nutcracker, fishing rod, tweezers, wheelbarrow]

Class one lever	Class two lever	Class three lever

Q. IV. State whether the following statements are true or false. If false, write the correct underlined word. [5]

1. The bone present in the upper arm is called the sternum. _____
2. The swollen end of the pedicel is called the corolla. _____
3. After fertilization, the ovary becomes the fruit. _____
4. Solar energy is produced when an object vibrates. _____
5. Fats help in the growth and repair of the body. _____
6. The backbone is made up of 33 small bones. _____

Q.V. Fill in the blanks. [10]

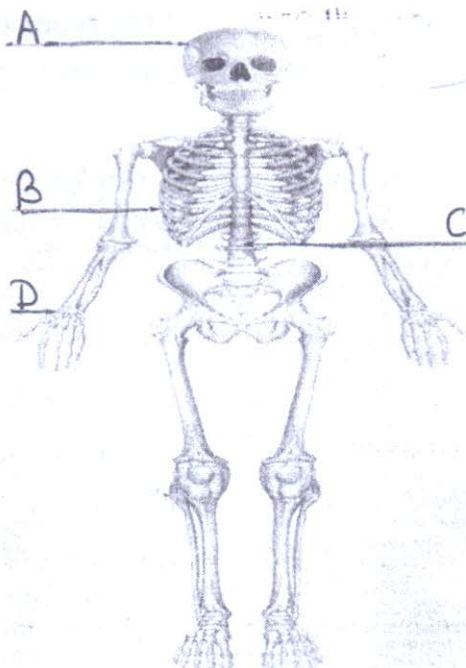
1. The _____ is the outermost whorl of a flower.
2. Bones are mainly consist of _____ and _____.
3. The muscles remain attached to the bones through _____.
4. Seeds usually have one or two seed leaves or _____.
5. Wind energy is converted into _____ energy by windmills.
6. A _____ is a rigid bar resting on a pivot.
7. Bones are held together at the joints with the help of the _____.
8. We get _____ and _____ energy from the sun.

Q.VI. PICTURE STUDY

Observe the following pictures and answer the given questions.

Picture 1

[5]



1. Label the following parts. (2)

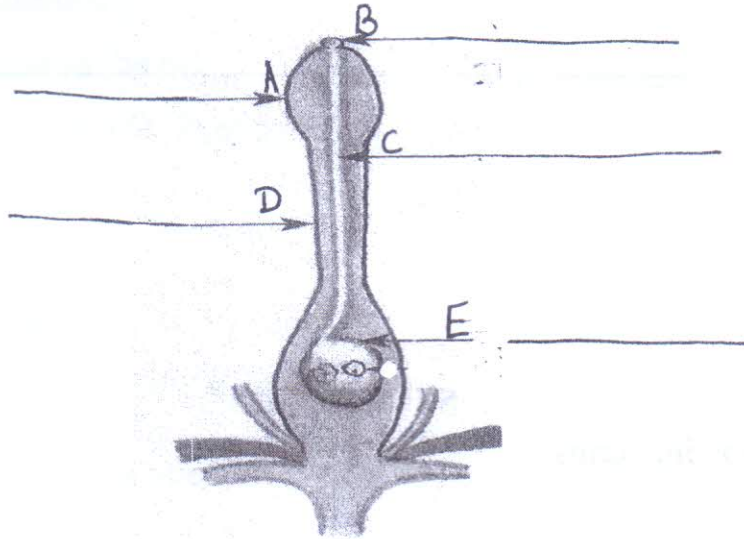
A- _____
C- _____

B- _____
D- _____

2. State the functions of - (3)

A- _____
B- _____
C- _____

Picture - 2



1) Define the process of fertilization (2)

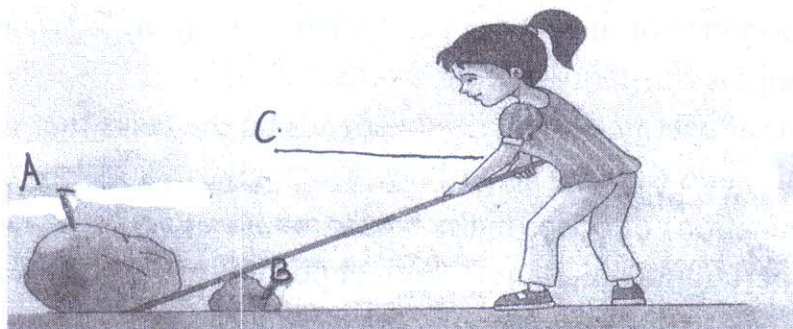
2) Label the following parts. (2 1/2)

A - _____
C - _____
E - _____

B - _____
D - _____

3) What happens to all the flowers after fertilization. [1]

Picture-3



Label the parts of a lever.

(1 ½)

A- _____ B _____ C _____

1. Mention the function of each part-

(3)

A - _____

B - _____

C - _____

SECTION II

Q. VII. Define the following terms.

[10]

1. Cartilage-
2. Germination-
3. pollination-
4. Work-
5. Inclined Plane-
6. Vegetative Reproduction-

Q. VIII. Differentiate between the following. {2 points each}

[15]

1. Hinge joint and Gliding joint
2. Bisexual flowers and Monosexual flowers
3. Renewable energy and Non- renewable energy
4. Voluntary muscles and Involuntary muscles
5. Fixed pulley and Movable pulley

Q.IX. Answer the following questions.

[10]

1. Write a short note on Need for seed dispersal.
2. State the importance of muscles in the human body. (any 2 points)
- 3.i. Give 2 examples of energy- giving food.
ii. The amount of energy that we need depends on the tasks that we perform.
Explain this state with the help of any 1 example.
4. State any 2 functions of bones in the human body.
5. Why is it important to maintain the correct posture while sitting or standing?
(2 points)