

Greenlawns High School

Std: 5 A, B, C

Science Terminal Examination

Marks: 80

Please note: • All answer to be written in the answer booklet.

• Attempt all questions and be neat.

Q1). A. Choose the correct option from the following: [10m]

1. Which of the following is an example of wind pollination?
 - A. Maize
 - B. Rose
 - C. Sunflower
 - D. Hibiscus
2. Which gas is present in the largest amount in the atmosphere?
 - A. Oxygen
 - B. Carbon dioxide
 - C. Nitrogen
 - D. Hydrogen
3. Which type of air leaves the room through ventilators?
 - A. Fresh air
 - B. Warm and stale air
 - C. Cold water
 - D. Rainwater
4. Which simple machine is derived from an inclined plane?
 - A. Pulley
 - B. Screw
 - C. Lever
 - D. Wheel and axle
5. Which of these is a source of noise pollution?
 - A. Soft music
 - B. Bird song
 - C. Vehicle horns
 - D. Whispering

6. Pollination is important because it helps plants to:
- A. Absorb sunlight at night
 - B. Move from one place to another
 - C. Reproduce
 - D. Produce food
7. What happens to a naphthalene ball when it is left in open air?
- A. It melts into liquid
 - B. It turns into vapour
 - C. It becomes bigger
 - D. It turns into solid
8. The main purpose of a machine is to make work:
- A. More difficult
 - B. Easier
 - C. Longer
 - D. Impossible
9. Birds can produce different calls and songs because of vibrations in the:
- A. Syrinx
 - B. Feathers
 - C. Beak
 - D. Tail
10. An axe is an example of a:
- A. Lever
 - B. Wedge
 - C. Pulley
 - D. Wheel and axle

B. State whether true or false. If false correct the underlined word: [5m]

1. The swollen end which holds the four whorls of the flower is called as sepal.
2. Most insects produce sound by flapping their wings.
3. Washing machine is an example of simple machine.
4. The earth is surrounded by an envelope of air called Atmosphere
5. The pollen grain are produced by the female gametes.

C. Match the following (5m)

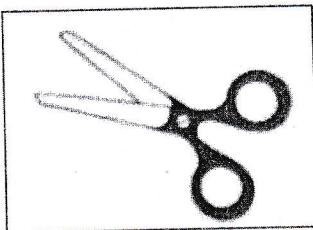
	A		B
1.	Vocal cords	a.	Transfer of pollen grains
2.	Water vapour	b.	Fixed point
3.	Insects	c.	Produces sound
4.	Fulcrum	d.	Has a fixed shape and volume
5.	Solid	e.	Gaseous form of water

QII). A .Name the following: [6m]

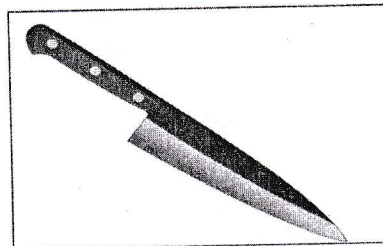
1. The Flower is borne on a stalk.
2. The process of changing a liquid into a solid.
3. The jerky wave felt when blood is pumped into the arteries.
4. A flower which contains both stamens and carpels.
5. Blowing or moving air.
6. The unpleasant or unwanted sound .

B. Identify the types of simple machines shown in the pictures given below. [4m]

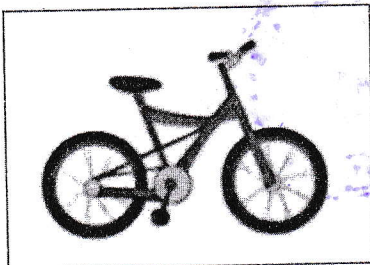
1.



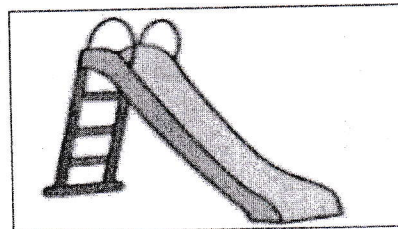
2.



3.



4.



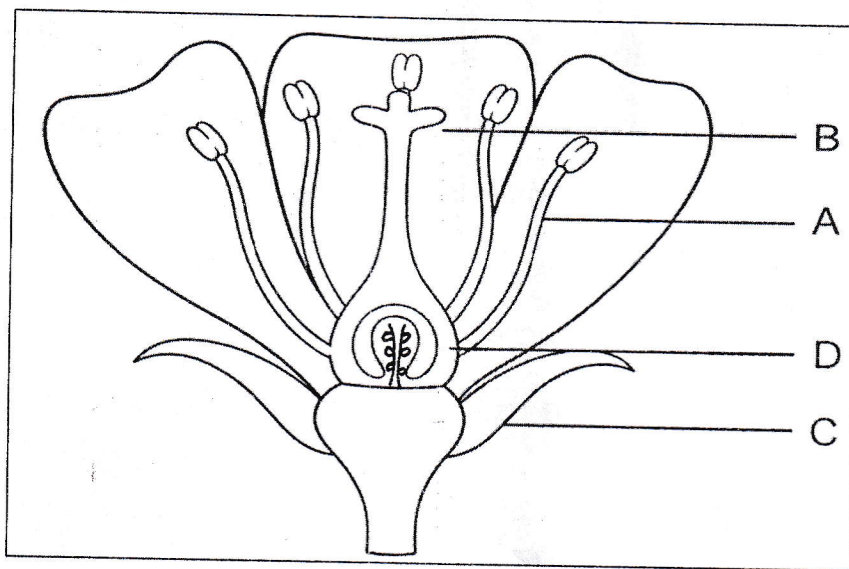
QIII). A .Give scientific reasons for the following: [6m]

1. Ice-Sellers sprinkle salt over ice to prevent ice from melting.
2. Inclined planes are used to move heavy objects to a higher place.
3. Millions and billions of tiny pollen grains are produced in a flower.
4. Noise can cause damage to our eardrums.
5. Some flowers have bright colours and pleasant smells.
6. Droplets of water are seen on the surface of the glass full of ice cubes.

B .Differentiate between: (w.r.t definition) [4m]

1. Elements and Compounds
2. Self-pollination and Cross pollination
3. Evaporation and Sublimation
4. Pleasant sound and Unpleasant sound

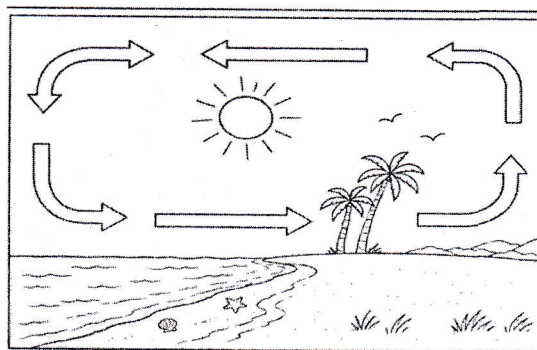
QIV.A. Observe the figure given below and answer the following: [7m]



- i). Label the parts A, B, C and D?
- ii). Write the function of part C?
- iii). What does part D produce?
- iv). What does part B receives?

B. Answer the following in reference to the picture shown. [3m]

1. Which breeze is referred to in the picture?
2. From where does the breeze blow? Why?



QV). A .Define the term: [5m]

1. Convection current
2. Pollination
3. Condensation
4. Lever
5. Matter

B. Answer the following: [15m]

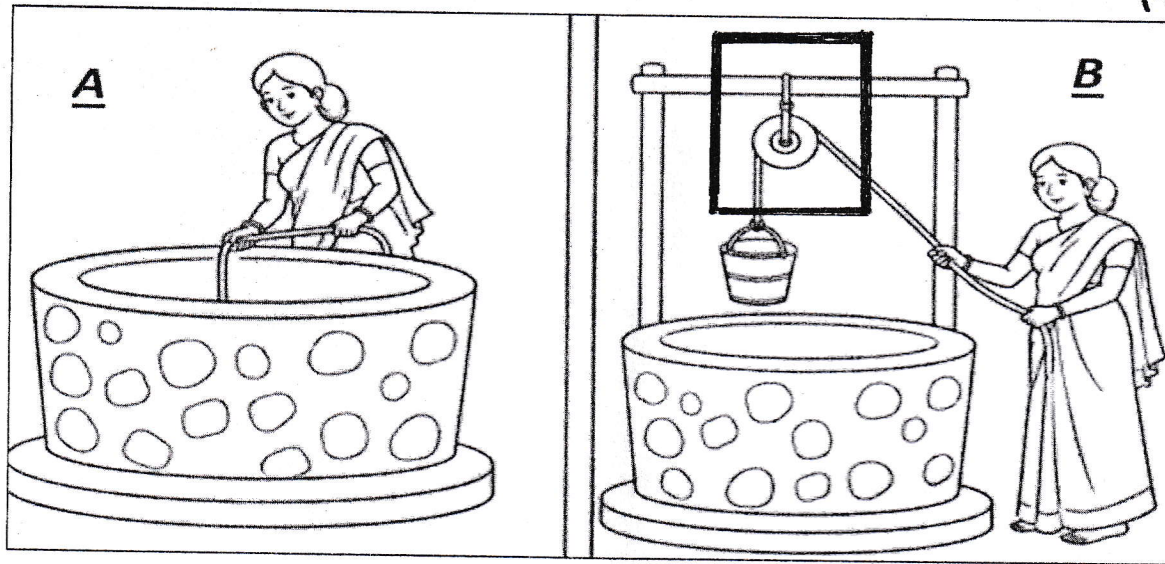
1. Give any 2 harmful effects of loud noise?
2. Give any 2 ways how plants produce sounds?
3. Explain the 2 most common agents of cross-pollination?
4. Write the 3 properties of matter?
5. What are warning sound? Give any 2 examples?
6. Mention any three ways to maintain and take care of machines.

QVI).A. Complete the table given below according to the components of air : [4m]

	Components	Percentage
1.	i.	20.95
2.	Carbon dioxide	iii.
3.	ii.	78.09
4.	Rare gases	iv.

B. Observe the figure A and B and answer the following question.

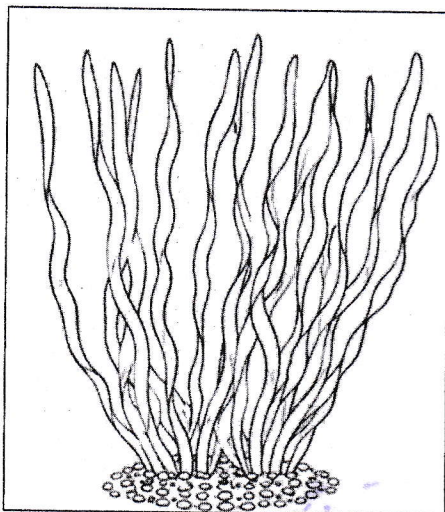
(4m)



1. Name the marked device used in figure B?
2. What is the direction of the effort applied by the woman in figure B?
3. How does the device in figure B make it easier to lift the bucket?
4. Name one other place where the device in figure B is used?

C. Which flowers are shown in the picture given below? Also, write the agents of pollination for these flowers. (2m)

1.



2.

