

**GREENLAWNS HIGH SCHOOL  
FINAL EXAMINATION 2016-17**

**SUB: GENERAL SCIENCE  
TIME: 1 .30 HOURS**

**STD: VI  
MARKS: 80**

- Read the questions carefully
- All questions are compulsory

Q.1. Name the following. [10]

- The blanket of air surrounding the earth.
- Primary element occurring as amino acids in living organisms.
- Substance needed by the body for healthy growth and functioning.
- A complex carbohydrate found in plants.
- The standard unit of length.
- The surrounding where living organisms live.
- Organic matter present in the soil.
- The basic unit of life.
- Motion of an object around a fixed point.
- The measure of the degree of hotness or coldness of a body.

Q.2. Match the column and rewrite the correct pairs. [5]

**Column A**

- Carbohydrates
- Butter paper
- Calcium
- Egg white
- Obesity

**Column B**

- Translucent
- Energy giving compound
- Protiens
- Strong bones
- Diabetes
- Fats

Q.3. Write the disease associated with the following minerals deficiency. [5]

- Phosphorus –
- Sodium
- Zinc-
- Fluorine –
- Iron –

Q.4. State whether the following statements are true or false. If the statement is false, correct it by changing the underlined word: [5]

- Roughage helps in proper functioning of the digestive system.
- Sunlight helps us to make vitamin C in our body.
- Nearly 90% of the human body is made up to water.

- 4) Duckweed is an example of floating plant.
- 5) Carbon dioxide is used for making fertilisers for plants.

Q.5. Differentiate between : (2 points each) [6]

- 1) Breathing and Respiration.
- 2) Vibrational and Curvilinear motion
- 3) Living and Non-Living Things

Q.6. Define: [5]

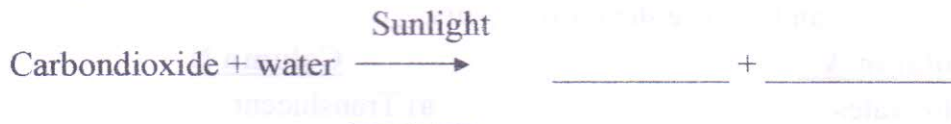
- i. Air pollution
- ii. Unit
- iii. A body at rest
- iv. Tissue
- v. Balanced diet

Q.7. Give reasons for the following:- [4]

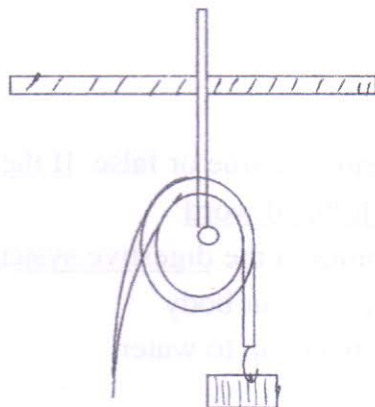
- 1) Plants are called producers.
- 2) Camel is known as the ship of the desert.

Q.8. Answer the following

- 1) Give the 3 properties of air? [3]
- 2) Complete the blanks. [3]



- 3) Give the 3 features of a good predator. [3]
- 4) What is the full form of ORS. What is it used for? How is it prepared. [3]
- 5) Give any 2 adaptations each seen by the following. [4]
  - a) Fish
  - b) water hyacinth
- 6) Is it possible for translational and rotational motion to occur at the same time? If yes, give an example to support your answer. [2]
- 7) Mark the correct directions in the pulley diagram shown below by redrawing it: [2]



Q.9. Identify the type of motion in the following examples: [5]

- a) Movement of a train on rail tracks at constant speed
- b) Gradual slowing down of a cricket ball as it rolls on the ground.
- c) Revolution of earth around the sun.
- d) Spinning of a top.
- e) Apple falling from a tree

Q.10. A) Draw a neat labelled diagram of photosynthesis. [4]

B) Write the correct units of the conversions given below. [4]

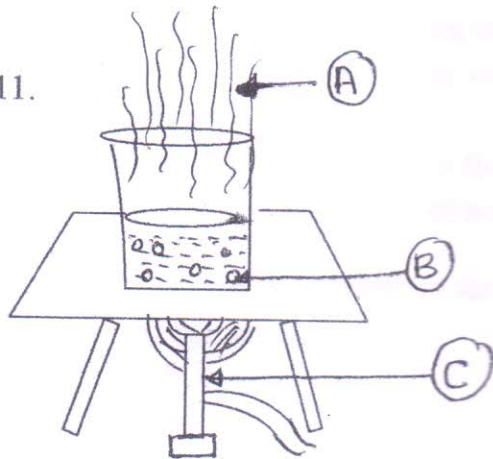
10 mm = \_\_\_\_\_ cm

1m = \_\_\_\_\_ mm

1000m = \_\_\_\_\_ km

100 cm = \_\_\_\_\_ m

Q.11.



Observe the diagram given alongside and answer the questions that follow:-

- i) Label A,B,C [1½]
- ii) What happens to the water after it is heated? [½]
- iii) Why are bubbles formed in the beaker? [1]
- iv) What do the bubbles show? [1]
- v) What do you conclude from this activity? [1]
- vi) If this heated water is covered by lid and cooled, do you think fishes would survive in it? Why? [2]

---X---X---X---X---X-----