**ROYAL PUBLIC SCHOO(SEC-4)**

 **(Session 2020-21)**

 **STD-7**

**SUMMER HOLIDAYS HOMEWORK**

 **Subject-science**

General instruction all the work to be done in science class work copy only.

**1) fill in the blanks :**

1. Green plants are called\_\_\_\_\_, because they synthesise their own food.
2. The mode of nutrition in lichens is\_\_\_\_\_.
3. The small pores on the lower surface of a leaf are called\_\_\_\_\_
4. The silkworm feed on\_\_\_\_\_ leaves.
5. Twisting of one or more threads of raw silk into a stand is called\_\_\_\_.
6. \_\_\_\_\_\_is the distance travelled by an object per unit time.
7. A\_\_\_\_is a diagram showing the what are fibresrelation between two variable quantities each measure among one of the pair of axes.
8. \_\_\_\_\_\_\_is based on the position and length of the shadow cast by an object.
9. A body is said to be in\_\_\_\_\_ if it covers unequall distance in equal inverter of time.

**2) write true or false.**

1. Chlorophyll traps sunlight for photosynthesis.
2. Carbon dioxide is the waste product of photosynthesis.
3. Parasite do not contains chlorophyll.
4. Photosynthesis in the plants like cactus takes place in roots.
5. The algae and fungus together known as lichens.

**3) Answer the following questions in one or two sentences.**

1. How are nutrients in the soil replenished?
2. How does exchange of gases takes place in leaves?
3. What are fibres?
4. From where do we get natural fibres?
5. what do you understand by the terms 'rest' and' motion'?
6. Which speed is greater :30 m /ss or 30 km/ h?
7. What kind of watch is used to measure the time in an athletics meet?

**4) Answer the following questions.**

1. with the help of an activity, explain how will you measure the time period of a simple pendulum.
2. Explain how will you plot a distance time graph.
3. Explain the life cycle of a silkmoth.
4. Write down an activity to prove that light is necessary for photosynthesis.
5. make a list showing different mode of nutrition in plants along with their pictures.