

**Holiday Homework**  
**Class –VII**  
**Science Assignment**

Q1. Choose the correct answer:-

1. Which one of the following is not a saprophyte?  
a) mushroom      b) cuscuta      c) breadmould      d) bacteria
2. Pitcher plant is an example of  
a) parasitic plant    b) insectivorous plant    c) lichen      d) saprophyte
3. An organism that can convert atmospheric nitrogen into soluble form is :-  
a) fungus      b) algae      c) rhizobium      d) Virus
4. Which of these is not necessary for photosynthesis?  
a) stomata      b) chlorophyll      c) nitrogen      d) light
5. In which of the following organ food does not pass through during digestion?  
a) the oesophagus      b) the large intestine  
c) the small intestine      d) the liver
6. In which of the following digestion does not take place?  
a) large intestine    b) small intestine    c) the stomach      d) the mouth

Q2. Fill in the blanks:-

1. Heat is a form of energy that travels from a \_\_\_\_\_ object to a \_\_\_\_\_ object.
2. \_\_\_\_\_ is an instrument used to measure temperature.
3. The scale on the laboratory thermometer is called a \_\_\_\_\_ scale.
4. A clinical thermometer reads a range of temperature from \_\_\_\_\_ degree celsius to \_\_\_\_\_ degree celsius .
5. Air is a \_\_\_\_\_ conductor of heat.
6. The leaves of cactus are reduced to spines or thorns, to reduce loss of water by \_\_\_\_\_.

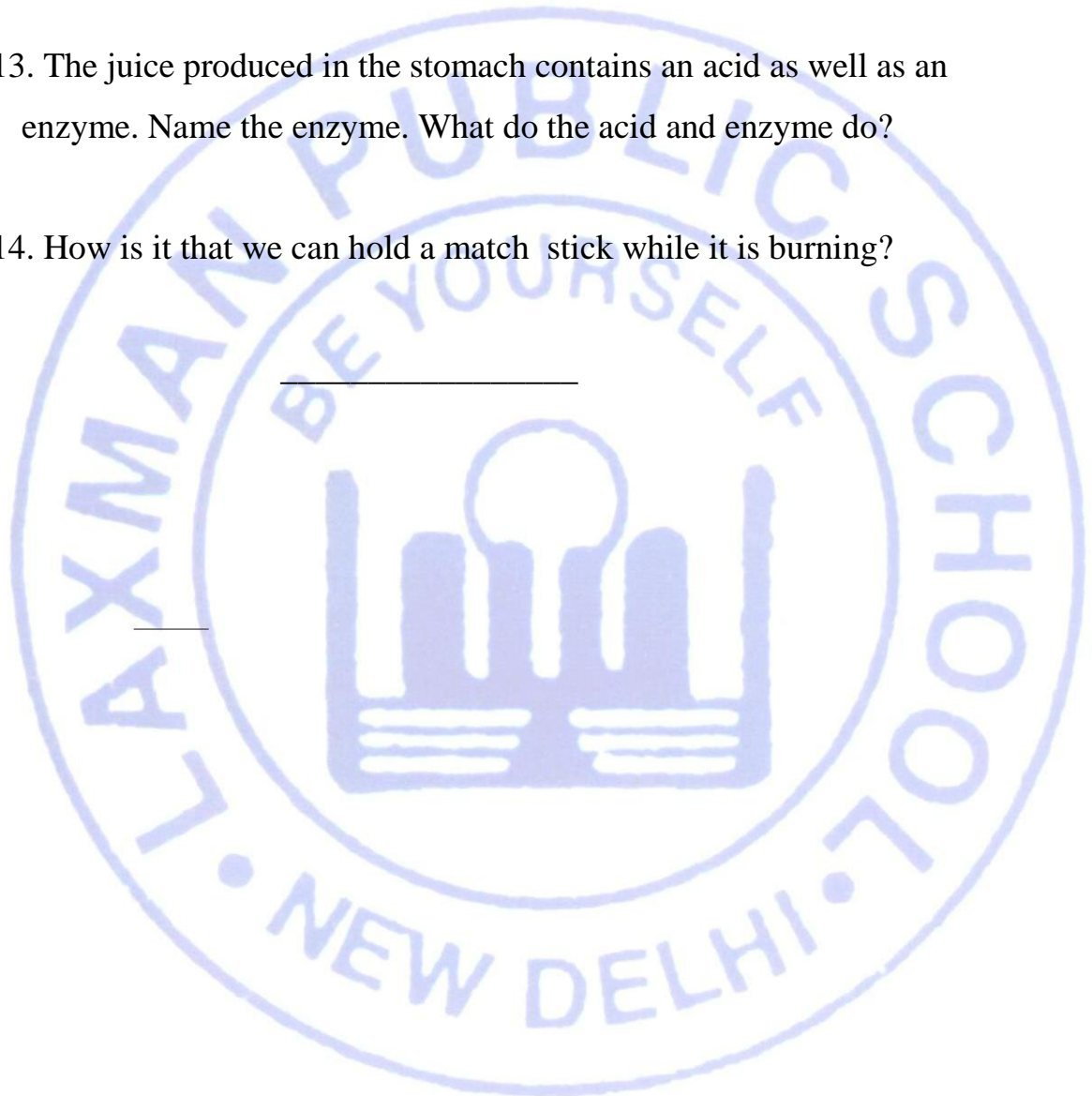
- Q3. Draw a labelled diagram of a clinical . thermometer. Explain the function of the kink in the stem.
- Q4. State two differences between a laboratory thermometer and a clinical thermometer. Give the reason for each difference.
- Q5. If you fill air into your cycle tyre very tightly during hot summers there is a likelihood of its bursting. Why?
- Q6. One object at 35 degree celsius is touching another object. It is observed that there is no net flow of heat between them. What is the temperature of the second object?
- Q7. Plants do not have a digestive system? Why is it not necessary for them to have a digestive system?
- Q8. Suppose there were no animals in this world. How will this affect the amount of oxygen and carbondioxide in the air?.
- Q9. Two athletes Swati and Shweta wanted to give themselves some extra energy just before a 100 m race. Swati drank some glucose and Shweta ate a sandwich. Who do you think is more sensible and why?
- Q10. Mr. Mathur was so busy in office that he did not eat anything the entire day. In the evening he developed acidity in the stomach. Why do you think this happened?

Q11. Draw a labelled diagram of the digestive system of humans. Explain the digestive process that takes place in each part of the digestive system.

Q12. What is tooth decay caused by? Explain how it occurs.

Q13. The juice produced in the stomach contains an acid as well as an enzyme. Name the enzyme. What do the acid and enzyme do?

Q14. How is it that we can hold a match stick while it is burning?



**Class –VII**  
**Science Project**

1) Conservation of FORESTS and WILD LIFE of the world.

Or

2) RENEWABLE SOURCES of energy on the Earth.

