

Holiday Homework
Class –VII
Science Assignment

First Term

1. Nutrition in plants
2. Nutrition in animal
3. Heat
4. Acids Bases and Salts
5. Physical and chemical changes
6. Weather, climate and adaptations of animals to climate.
7. Winds, Storms and cyclones.
8. Respiration in organisms and valency chart.

Second Term

1. Transportation in Animal and plants
2. Reproduction in plants
3. Motion and time
4. Electric current and its effects
5. Light
6. Water: A precious resource
7. Forests our lifetime And Valency chart

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.

