

BCM SCHOOL
BASANT AVENUE, DUGRI ROAD, LUDHIANA
VII SCIENCE
September Revision Assignment

General Instructions:

1. Q. 1 to 3 are multiple choice type questions carries 1 mark each.
2. Q. 4 to 5 are Assertion- Reason type questions carries 1 mark each.
3. Q. 6 is very short answer type question carries 2 marks.
4. Q. 7 is short answer type question carries 3 marks.
5. Q. 8 is long answer type question carries 5 marks.
6. Q. 9 is Case Study based question carries 1 marks each.

Tick the correct option

1. Stomata
2. Plants
3. Heart
4. Both A and R are true but R is not the correct explanation of A.
5. Both A and R are true but R is not the correct explanation of A.
6. If the soil is too acidic, it is to be treated with bases such as quicklime (calcium oxide) or slaked lime (calcium hydroxide). If the soil is too basic, organic matter is added to it. Organic matter releases acids which neutralise the basic nature of the soil.
7. In arteries there is a lot more pressure, due to the force of blood being pumped outwards from the heart, so they need thicker walls in order to prevent bursting. In veins the pressure is much less, and so thinner walls are present.
8. A. If forests disappear, the amount of carbon dioxide in the air will increase resulting in the increase of earth's temperature.
B. In the absence of trees and plants, the animals will not get food and shelter.
C. In the absence of trees, the soil will not hold water, which will cause floods.
9. Case study
 - a) For setting curd, a small amount of curd is added to warm milk. The microbes present in the curd help in setting if the temperature of the mixture remains approximately between 35c to 40c.
 - b) At places, where room temperature remains much below the range, setting of curd becomes difficult.