**SCIENCE**

**CLASS-7TH &9TH**

**WINTER BREAK HOME WORK FOR CLASS 7TH**

1. Explain the excretory system with diagram
2. Explain the circulatory system with suitable diagram.
3. Page no. 118th question no. 4
4. Page no. 120 question no. 4
5. Define the term –
6. Gills, tracheae, diaphragm , breathing rate and aerobic respiration.
7. Revise the chapter no. 12 & 13
8. Draw the diagram of heart with proper labeling.
9. What is the budding and spore formation? Explain it.
10. Explain the fertilization process of plant.
11. What is the pollination?
12. Explain about the vegetative propagation .
13. Page no. 156 questions no. 3 & 4.
14. What is the non uniform motion
15. Draw line graph of table 13.5.
16. Differentiate between speedometer and odometer.

**WINTER BREAK HOME WORK FOR CLASS 9TH**

1. READ THE CHAPTER NO 4 AND 14.
2. COMPARE THE PROPETIES OF ELECTRON, PROTON AND NEUTRON .
3. WRITE ABOUT ISOTOPES, ISOBARES AND ISOTONES.
4. DESCRIBE BOHR’S MODEL OF THE ATOM.
5. CALCULATE THE VALENCY OF SILICON, OXYGEN, CALCIUM AND CHLORINE.
6. WRITE THE ELECTRONIC CONFIGURATION OF Cl,Ca, Na AND K.
7. WRITE ABOUT COMMUNICABLE AND NON COMMUNICABLE DIESIES.
8. WRITE ABOUT DIFFERENT CYCLE WITH SUITABLE FLOW CHART.
9. CARBON CYCLE
10. OXYGEN CYCLE
11. NITROGEN CYCLE
12. DIFFERENTIATE BETWEEN AIR POLUTION AND WATER POLUTION.
13. WRITE ABOUT THE OZONE LAYER.
14. WRITE ABOUT THE CHARACTERISTIC FEATURE OF GYMNOSPERM AND ANGIOSPERM.
15. DIFFERENTIATE BETWEEN PERMANENT AND SIMPLE TISSUE.