

DELHI PUBLIC SCHOOL JAMMU
WEEKLY ASSIGNMENT
(2017-2018)

Class: IX

SUB: SCIENCE

Topics: Cell, Tissue, Improvement in food resources, Natural resources and Diversity.

- Q1. What do you mean by cell? Differentiate between plant and animal cell.
- Q2. Which cell organelle is known as kitchen of the cell and why?
- Q3. Why ribosomes are called as protein factories?
- Q4. Define the following
- a) Chromosome
 - b) Chromatin
 - c) Nucleoid
 - d) Chromotid
- Q5. What do you mean by tissue? Draw a flow chart for various plant and animal tissues.
- Q6. Differentiate between the following
- a) Bone and cartilage
 - b) Parenchyma and aerenchyma
 - c) Collenchymas and chlorenchyma
 - d) Tendon and ligament
- Q7. Define blood. List some important components of blood. Write down function of each component of blood.
- Q8. What do you mean by neuron? Draw a well labeled diagram of neuron.
- Q9. Give full form of GMO. List some important GMOs.
- Q10. List various methods for crop protection.
- Q11. What do you mean by artificial insemination? Name any three exotic breeds of cow and poultry.
- Q12. What do you mean by apiculture? List some importance of honey.
- Q13. Define natural resource. List some important natural resources.
- Q14. What do you mean by pollution and pollutant?
- Q15. Explain nitrogen cycle in detail.
- Q16. Differentiate between diversity and biodiversity.
- Q17. What do you mean by nomenclature?
- Q18. Define taxonomy. Who is known as father of taxonomy?
- Q19. Explain taxonomical hierarchy by taking any suitable example.
- Q20. List some important features of kingdom monera and kingdom fungi.

