

DELHI PUBLIC SCHOOL JAMMU
WEEKLY ASSIGNMENT
(2017-2018)

Class: X

SUB: SCIENCE

Topics: Life processes, Control and coordination, our environment.

- Q1. What do you mean by nutrition? Differentiate photoautotrophic and chemoautotrophic organisms.
- Q2. Draw a well labeled diagram of internal structure of leaf.
- Q3. Explain the process of digestion and absorption in human small intestines.
- Q4. List the role of various enzymes that help in human digestion.
- Q5. What do you mean by respiration? Differentiate between aerobic and an aerobic respiration.
- Q6. Define fermentation. Which organism helps in fermentation?
- Q7. Explain the structure and function of nephron capsule..
- Q8. What do you mean by neuron? Draw a well labeled diagram of neuron.
- Q9. Explain the process of double circulation in human beings.
- Q10. Differentiate between arteries and veins.
- Q11. What do you mean by artificial kidney?
- Q12. Explain various types of trophic movements present in plants.
- Q13. Define natural resource. List some important natural resources.
- Q14. What do you mean by pollution and pollutant?
- Q15. Why DNA coping is essential in reproduction?
- Q16. Draw a flow chart for asexual reproduction. Differentiate between fragmentation and spore formation.
- Q17. Draw a well labeled diagram of human female reproduction.
- Q18. List various birth control measures in humans.
- Q19. Define AIDS. Name the causal organism of AIDS.
- Q20. What do you mean by evolution? Differentiate between sympatric and parapatric evolution.