

Delhi Public School, Jammu
Assignment for Final Examination
(2017-2018)

Class XI

Subject: Biology

Topics:

- 1. Diversity In Living Organism.*
- 2. Structural Organisation in Plants and Animals.*
- 3. Cell: Structure and Function.*
- 4. Plant Physiology.*
- 5. Human Physiology.*

- Q1. Differentiate between archaebacteria and eubacteria. (2)
- Q2. What are viroids and Prions? (2)
- Q3. What do you mean by Emerson effect? (2)
- Q4. How cytoplasm of a cell is different from protoplasm? (2)
- Q5. How lubb and dub sounds are produced. (2)
- Q6. Give the importance of Botanical gardens, Museum, Zoological parks and key. (3)
- Q7. What do you mean by taxonomical aids? Explain main taxonomical aids used to study biodiversity. (3)
- Q8. Which types of animals are placed in kingdom protista? Write few features of these animals. (3)
- Q9. Give the differences between prokaryotic and eukaryotic cell. (3)
- Q10. Differentiate between: (3)
- i. Hard wood and soft wood.
 - ii. Stele and Vascular bundles.

- Q11. Give the important features of striated and unstriated muscles. (3)
- Q12. Explain how a disaccharide molecule is formed? Write the structure of maltose. (3)
- Q13. How is respiration regulated. (3)
- Q14. Explain the properties of enzymes. (3)
- Q15. Describe lactic acid and alcoholic fermentation. (3)
- Q16. Draw the labelled diagram of the internal structure of the monocot root? (5)
- Q17. What is centromere? On the basis of position of centromere chromosomes have been divided into how many types. (5)
- Q18. Explain the cohesion theory of movement of water through the xylem in tall plant. (5)
- Q19. Describe the structure and function of various components of phloem of angiosperms. (5)
- Q20. Explain the various components of forebrain, midbrain and hindbrain. (5)