

BIOLOGY ASSIGNMENT (LIFE PROCESSES)

1. Where does digestion of starch begin in human body?
2. What is common for cuscuta, ticks and leeches?
3. Name the substrates for the following enzymes a) trypsin b) amylase c) pepsin d) lipase
4. What is villi? What are its functions?
5. What type of respiration takes place in human muscles during vigorous exercise and why?
6. How is opening and closing of stomata regulated?
7. Differentiate between aerobic and anaerobic respiration.
8. (i) Draw a well labeled diagram of human digestive system
(ii) Describe the role of following in digestion. a) Bile b) Salivary amylase c) HCl
9. With the help of labeled diagram, Discuss the mechanism of respiration in human beings.
10. Describe an experiment to prove that carbon – dioxide is essential for the process of photosynthesis