

Class xth biology

LIFE PROCESSES

- (1) What do you mean by life processes? Name the processes.
- (2) Define Nutrition , Respiration, Transportation and Excretion.
- (3) Define Digestion, Absorption, Assimilation and Egestion.
- (4) What are digestive enzymes? Name the digestive enzymes
Produced by salivary glands, gastric glands and pancreas.
- (5) Write the functions of hydrochloric acid in stomach.
- (6) Write the role of pancreatic enzymes in digestion.
- (7) How is the Small Intestine designed to maximize the surface area
For absorption of digested food?
- (8) Why is small intestine longer in herbivores in comparison to
Carnivores?
- (9) Write two different ways in which glucose is oxidized to provide
energy in human body. Write the products formed in each case.
- (10) Write three types of blood vessels. Give one important feature
of each.
- (11) Draw a well labelled diagram of the structure of stomata as seen
Under the microscope.
- (12) In the experimental set up to show carbondioxide is given out
during respiration, name the substance taken in the small test tube
kept in the conical flask . State its function and the consequence of
its use.
- (13) Write the steps involved in photosynthesis.

- (14) Draw a well labelled diagram of the human heart. Describe double circulation .
- (15) Describe the process of excretion in human and draw a well labelled diagram of the human excretory system.
- (16) Differentiate between the transport of materials in xylem and Phloem.
- (17) compare the functioning of alveoli in the lungs and nephrons In the kidneys with respect to their structure and function.
- (18) Describe the structure and functioning of nephron.
- (19) Differentiate between blood and lymph.
- (20) Name the enzymes present in pancreatic juice and mention its role in digestion of food .
- (21) What do you mean by emulsification of fats? Why is it necessary in digestion of fats?