

Class: X
Subject: Biology
Topic: Life Processes
No. of Questions: 20

- Q1. The longest part of the alimentary canal is _____.
- small intestine
 - large intestine
 - oesophagus
 - rectum
- Q2. Saprophytic organisms feed on _____.
- blood
 - dead decayed matter
 - fruits
 - members of its own species
- Q3. Which of the following enzymes is responsible for bringing about the emulsification of fats?
- Amylase
 - Pepsin
 - Mucus
 - Bile
- Q4. The energy trapped by chlorophyll molecule is used for _____.
- the generation of ATP
 - the generation of NADPH_2
 - the splitting of water molecule
 - all of the above
- Q5. Which of the following pairs is incorrectly matched?
- Parasite : Cuscuta
 - Parasite : Yeast
 - Saprophyte : Mushroom
 - Holozoic : Amoeba
- Q6. Where does digestion of starch begin in human body?
- Q7. Give one example of saprophytic and parasitic nutrition.

- Q8. What is common for Cuscuta, ticks and leeches?
- Q9. Name the substrates for the following enzymes
- Trypsin- peptides
 - Amylase- Starch
 - Pepsin- proteins
 - Lipase- Lipid
- Q10. What is villi? What are its functions?
- Q11. What advantage over an aquatic organism does terrestrial organism have with regard to obtaining oxygen for respiration?
- Q12. Differentiate between single and double circulation found in vertebrates.
- Q13. What are the functions of lymph in our body?
- Q14. How is hemoglobin associated with respiration explained?
- Q15. What are the modes of excretion in plants?
- Q16. Give an experiment to prove the essentiality of light for photosynthesis.
- Q17. What is clotting of blood? Write a flow chart showing major events taking place in clotting of blood.
- Q18. What are two stages in photosynthesis?
- Q19. What is the difference between arteries and veins?
- Q20. How is transpiration pull responsible for upward movement of water?