

CBSE TEST PAPER-02

SCIENCE & TECHNOLOGY (Class-10)

Chapter 6 : Life Process

1. Point out of differences between an artery and vein. (1 mark)
2. Name the type of blood vessels which carry blood from organs to the heart. (1 mark)
3. Name the largest artery in human body. (1 mark)
4. What is meant by life process? (1 mark)
5. What are autotrophs? (1 mark)
6. What advantage over an aquatic organism does a terrestrial organism have with regard to obtaining oxygen for respiration? (2 marks)
7. State the two vital function of the human kidney. (2marks)
8. Name any two autotrophic plants which also show heterotrophic mode of nutrition. Why do they need to do so? (2 marks)
4. What is the difference between stroma and grana? (2 marks)
5. Write two differences between the transport of materials in xylem and phloem. (2 marks)
6. What are the differences between the transport of materials in xylem and phloem? (3 marks)
7. Compare the functioning of alveoli in the lungs and nephrons in the kidneys with respect to their structure and functioning. (3 marks)
8. Draw a diagram of human alimentary canal showing duodenum, small intestine, liver and pancreas. (3 marks)
9. Name 3 kinds of blood vessels of human circulatory system. Write function of each. (3 marks)
10. Name the constituents of blood. Why are WBC called 'soldiers of the body'? (3 marks)
11. Explain the process by which inhalation occurs during breathing in human beings. (3 marks)
12. What are the methods used by plants to get rid of excretory products? (5 marks)
13. (i) State two structural differences between an artery and a vein. (5 marks)
(ii) Name a non-nucleated cell present in human blood and state 1 functions of this cell.
(iii) Draw a labelled diagram of human heart.