

CBSE TEST PAPER-05

Class – X Science (Life Processes)

1. Amoeba captures food with the help of – [1]
a) teeth b) cilia
c) pseudopodia d) tentacles
2. Which of the following is most appropriate for aerobic respiration? [1]
a) Glucose $\xrightarrow{\text{mitochondria}}$ pyruvate $\xrightarrow{\text{cytoplasm}}$ $\text{CO}_2 + \text{H}_2\text{O} + \text{Energy}$.
b) Glucose $\xrightarrow{\text{cytoplasm}}$ pyruvate $\xrightarrow{\text{mitochondria}}$ $\text{CO}_2 + \text{H}_2\text{O} + \text{Energy}$.
c) Glucose $\xrightarrow{\text{cytoplasm}}$ pyruvate + Energy $\xrightarrow{\text{mitochondria}}$ $\text{CO}_2 + \text{H}_2\text{O}$
d) Glucose $\xrightarrow{\text{cytoplasm}}$ pyruvate + Energy $\xrightarrow{\text{mitochondria}}$ $\text{CO}_2 + \text{H}_2\text{O} + \text{Energy}$
3. Name the part of alimentary canal receiving bile from the liver. [1]
a) Oesophagus b) Stomach
c) Small intestine d) Large intestine
4. What is glycolysis? [1]
5. Name the largest artery of body. [1]
6. Why the walls of trachea are supported by cartilaginous rings? [2]
7. What are the raw materials for photosynthesis? [2]
8. What is the role of diaphragm during inhalation and exhalation? [2]
9. What is the advantage of four chambered of heart? [2]
10. What is role of skin, lungs and intestine in the process of excretion in man? [3]
11. Explain the structure of chloroplast. [3]
12. Why and how does water enter continuously into the root xylem of plants? [3]
13. What is the role of following in human digestive system – [3]
a) mucous
b) Bicarbonate
c) Trypsin
14. Describe an experiment to prove that carbon – dioxide is essential for the process of photosynthesis. [5]