

CHAPTER - 14 – RESPIRATION

I. Answer in brief (2/3 marks)

1. Define respiration. Write down the equation.
2. What is compensation point?
3. Describe the structure of ATP.
4. What is Redox reaction?
5. What is aerobic respiration?
6. What is anaerobic respiration?
7. Define glycolysis.
8. What is link reaction?
9. What is known as amphibolic pathway?
10. Draw and label mitochondria.

II. Answer in a paragraph (5 marks)

1. Give an account of glycolysis.
2. Explain Kreb's cycle.
3. Give an account of respiratory quotient.
4. Write a short note on anaerobic respiration.
5. What are the differences between aerobic and anaerobic respiration?
6. Give an account of pentose phosphate pathway.
7. Mention the significances of pentose phosphate pathway.
8. Write a short note on factors affecting respiration.

