Respiration in plants

GPLUS EDUCATION

CHAPTER-14

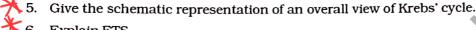
EXERCISES



- Differentiate between
 - (a) Respiration and Combustion
 - (b) Glycolysis and Krebs' cycle
 - (c) Aerobic respiration and Fermentation
 - 2. What are respiratory substrates? Name the most common respiratory substrate.



- Give the schematic representation of glyolysis?
 - What are the main steps in aerobic respiration? Where does it take place?



6. Explain ETS.



- 7. Distinguish between the following:
 - (a) Aerobic respiration and Anaerobic respiration
 - (b) Glycolysis and Fermentation
 - (c) Glycolysis and Citric acid Cycle
- 8. What are the assumptions made during the calculation of net gain of ATP?



- 🕇 9. Discuss "The respiratory pathway is an amphibolic pathway."
- 10. Define RQ. What is its value for fats?
- 1. What is oxidative phosphorylation?



12. What is the significance of step-wise release of energy in respiration?

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