



# BIOLOGY

## NCERT - NCERT BIOLOGY(TELUGU)

### RESPIRATION IN PLANTS

#### Question

1. Distinguish between

Respiration and Combustion



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2. What are respiratory substrates? Name the most common respiratory substrate.



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3. Give the schematic representation of glycolysis.



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4. What are the main steps in aerobic respiration? Where does it take place?



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5. Give the schematic representation of an overall view of Krebs cycle.



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6. Explain ETS.



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7. What are the assumptions made during the calculation of net gain of ATP?



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8. Discuss “The respiratory pathway is an amphibolic pathway.”



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9. Define RQ. What is its value for fats?



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10. The end product of oxidative phosphorylation is



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





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