Name: _____ Date: _____

## Respiration in Organisms

Q1. What happens to the air we breathe in?

Ans. _____

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Q2. How does respiration work in yeast?

Ans. _____

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Q3. Why are yeasts used to make wine and beer?

Ans. _____

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Q4. What is the function of gills in fish?

Ans. _____

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Q5. How do plant roots respire?

Ans. _____

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Education with Fun

## Respiration in Organisms

Q1. What happens to the air we breathe in?

Ans. The air we breathe in is transported to all parts of the body and ultimately to each cell. In the cells, oxygen in the air helps in the breakdown of food and energy is released.

Q2. How does respiration work in yeast?

Ans. Yeasts are single-celled organisms. They get energy through anaerobic respiration. In the absence of oxygen, glucose breaks down into alcohol and carbon dioxide.

Q3. Why are yeasts used to make wine and beer?

Ans. Yeasts are single-celled organisms. They respire anaerobically and during this process yield alcohol. They are, therefore, used to make wine and beer.

Q4. What is the function of gills in fish?

Ans. Gills in fish help them to use oxygen dissolved in water. Gills are projections of the skin and are well supplied with blood vessels for exchange of gases.

Q5. How do plant roots respire?

Ans. Like all other living cells of the plants, the root cells also need oxygen to generate energy. Roots take up air from the air spaces present between the soils particles.