

- Regulation of our blood's pH value is of vital importance for our health. In a healthy person the blood pH does not vary by more than 0.2 from the average 7.4. How does our body regulate the pH of blood?

Marks
4

During exercise, CO₂ is produced at a rapid rate in muscle tissue. What effect does this have on the pH of blood? Why?

Hyperventilation (rapid and deep breathing) can occur during intense exertion. What effect does hyperventilation have on the pH of blood? Why?