

# **Class 10 - Biology Question Paper**

Maximum Marks: 50 | Time: 2 Hours

1. What are the main differences between photosynthesis and respiration? (5 Marks)
2. Explain the structure and function of the human heart. (8 Marks)
3. Describe the process of transpiration and its significance in plants. (5 Marks)
4. What is the role of the nervous system in humans? (5 Marks)
5. Explain the various stages of nutrition in human beings. (6 Marks)
6. Define heredity and explain Mendel's law of segregation with an example. (8 Marks)
7. Describe the structure and function of the nephron. (5 Marks)
8. Explain the carbon cycle and its importance to the ecosystem. (8 Marks)