

Grade 8 Biology Question Paper

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\textbf{Cambridge IGCSE Grade 8 Biology Examination}

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\textbf{Time Allowed: 1 Hour}

\textbf{Total Marks: 40}

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\textbf{Instructions:} Answer all questions. Write your answers in the spaces provided.

\textbf{Section A (Easy - 20 Marks)}

1. Name two types of blood cells. (2)
2. What is the function of the diaphragm in respiration? (2)
3. Define the term 'photosynthesis'. (2)
4. What is the role of chlorophyll in plants? (2)
5. Name one example of a decomposer. (1)
6. What is the difference between a herbivore and a carnivore? (2)
7. State two ways in which plants lose water. (2)
8. Draw a simple diagram showing the structure of a typical plant cell. Label two parts. (3)

9. What are enzymes? Give one example. (2)
10. Briefly explain the concept of diffusion. (2)
11. Name the process by which plants make their own food. (1)
12. What is the basic unit of life? (1)

\textbf{Section B (Medium - 10 Marks)}

13. Explain how the human body maintains a constant internal temperature. (3)
14. Describe the process of pollination in flowering plants. (3)
15. Describe the role of the kidneys in excretion. (4)

\textbf{Section C (Hard - 10 Marks)}

16. Explain the difference between aerobic and anaerobic respiration. Give an example of each. (5)
17. Describe the structure and function of a neuron. (3)
18. Compare and contrast mitosis and meiosis. (2)

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