

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Blood Questions

Name:

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Total Marks: /25

Q1: What is the role of red blood cells?

(1 mark)

Q2: What is the role of white blood cells?

(1 mark)

Q3: What causes red blood cells to be red?

(1 mark)

Q4: Explain the role of haemoglobin.

(1 mark)

Q5: Explain how red blood cells are able to transport oxygen around the body efficiently?

(2 marks)

Q6: In order to protect from disease white blood cells engulf pathogens. What is this process called?

(1 mark)

Q7: How do white blood cells identify a pathogen in the body?

(1 mark)

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Q8: Blood plasma makes up around 55% of blood and transports dissolved molecules around the body. Give an example of substances in plasma.

(3 marks)

Q9: What is the role of platelets in the blood?

(1 mark)

Q10: Explain how and why a scab forms.

(3 marks)

Q11: What is the main difference between a red blood cell and other cells in the body?

(1 marks)

Q12: Draw a red blood cell.

(1 mark)

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Q13: What are the 2 types of white blood cells?

1: _____

2: _____

(2 marks)

Q14: Blood transfusion is a life saving medical procedure. Evaluate the risk of using blood products and explain what can be done to minimise the risk.

(6 marks)