

Full Higher Separate content. ★ = Higher Tier. ◆ = Separate Science only.

**Q1. Describe the four components of blood and the function of each.**

**[4 marks]**

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**Total: 4 marks**

**Q1 (4 marks)**

*Describe the four components of blood and the function of each.*

- Red blood cells: carry O<sub>2</sub> (haemoglobin, no nucleus, biconcave) [1]
- White blood cells: phagocytes engulf pathogens; lymphocytes make antibodies [1]
- Plasma: liquid carrying glucose, CO<sub>2</sub>, urea, hormones, amino acids [1]
- Platelets: form clots at wound sites [1]