

KEY FACTS

- RBC: no nucleus, biconcave, haemoglobin → carries O₂
- Sperm: flagellum + mitochondria → swimming
- Root hair: long extension → large SA for absorption
- Nerve cell: long axon, myelin sheath → fast signals

KEY TERMS

Differentiation

Cells switching specific genes on/off to specialise

■ EXAM TIP: Name adaptation THEN explain how it helps function. Feature alone = 0 marks.