

What is in blood
The functions of blood

THE BLOOD

Objectives

- Be able to explain the different functions of blood cells in the body

Blood



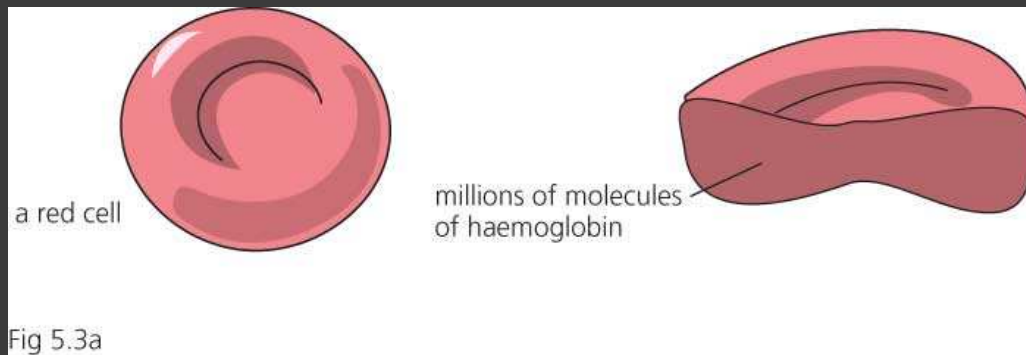
PLASMA

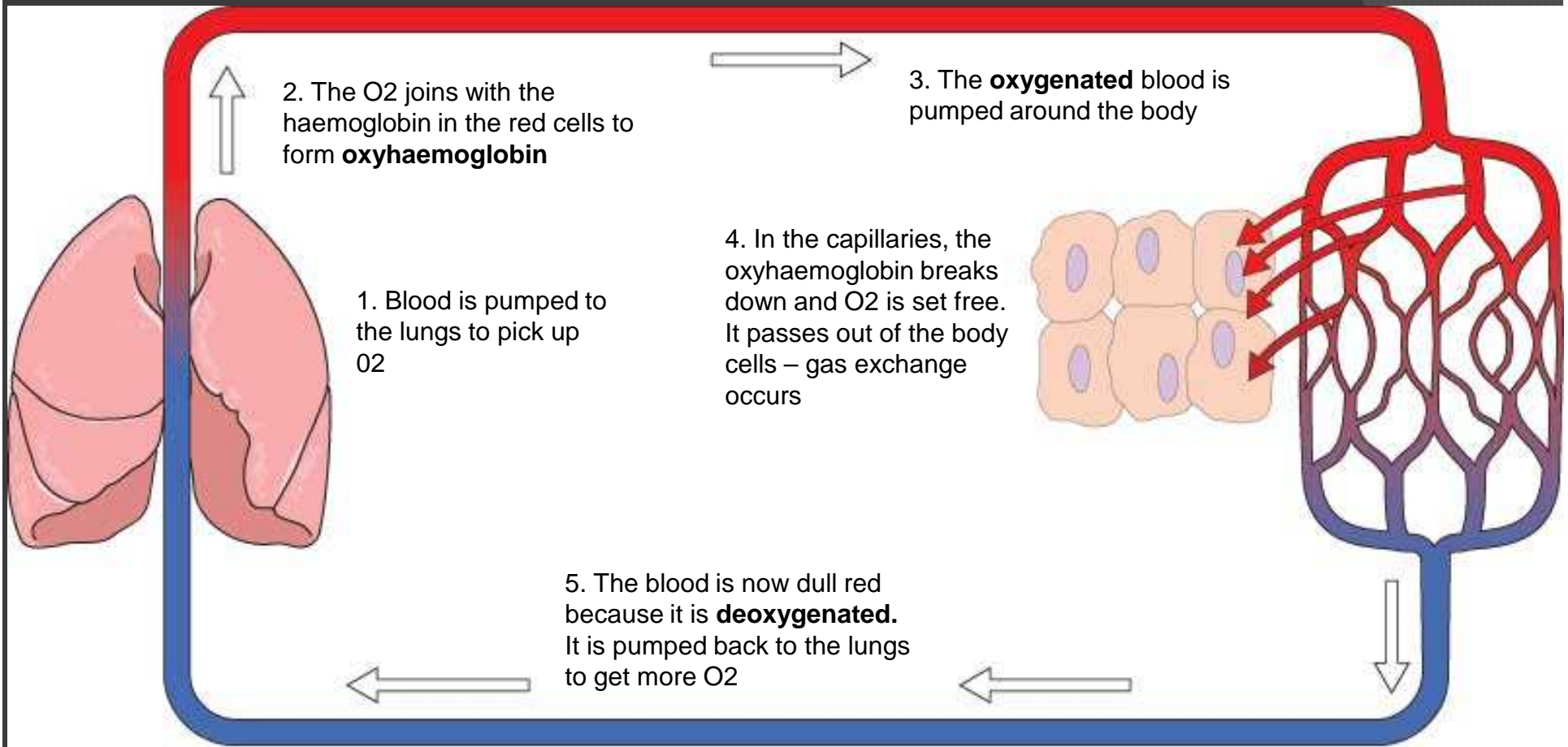
Straw coloured liquid which transports

- CO₂ from cells to lungs
- Glucose from small intestine to cells
- Waste from cells

Red Blood Cells

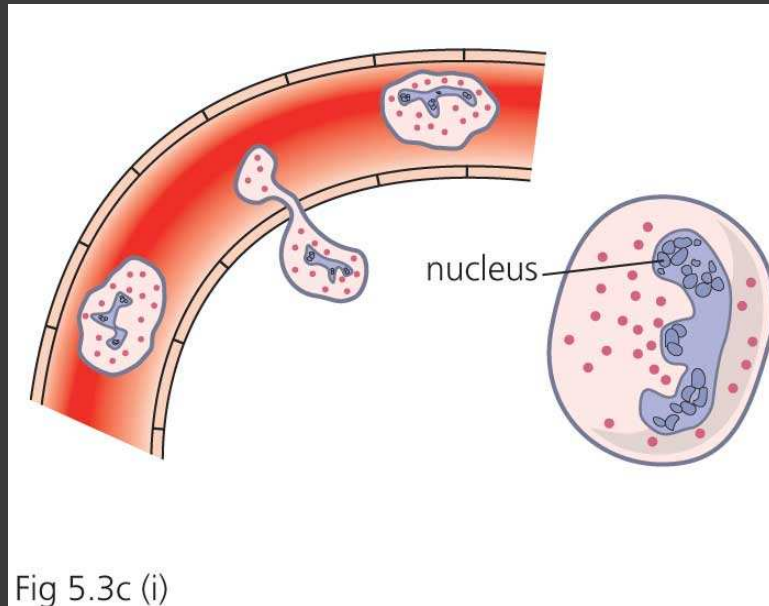
- No nucleus
- Full of Haemoglobin
- Haemoglobin carries O₂ in the cell



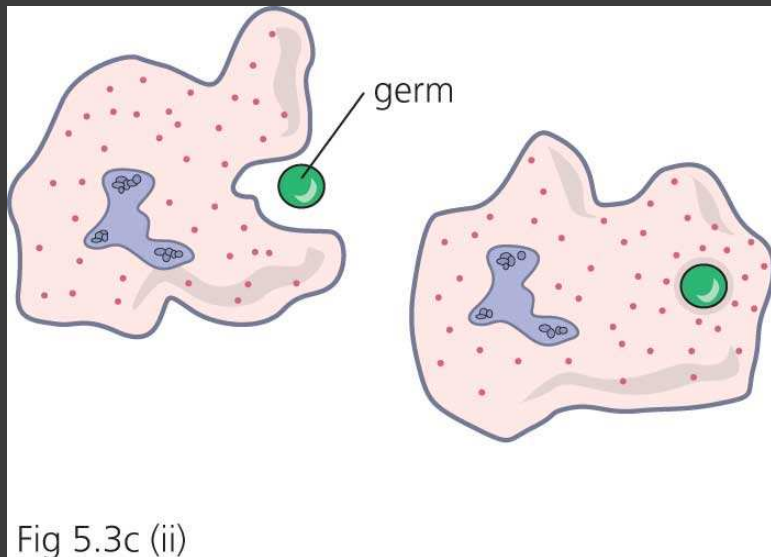


White Blood Cells

- Has nucleus (all different shapes)
- 1 white blood cell per 600 red cells

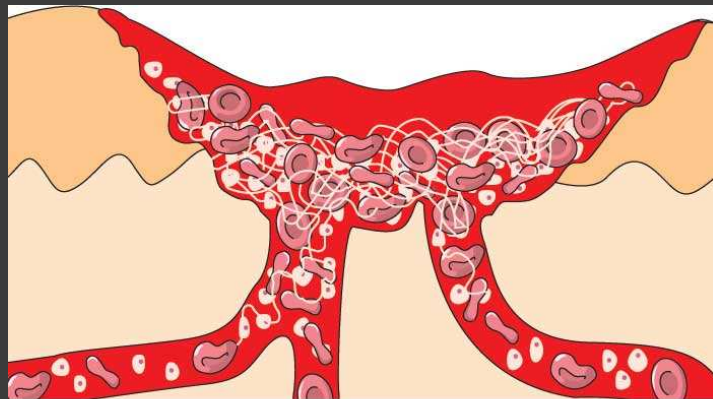
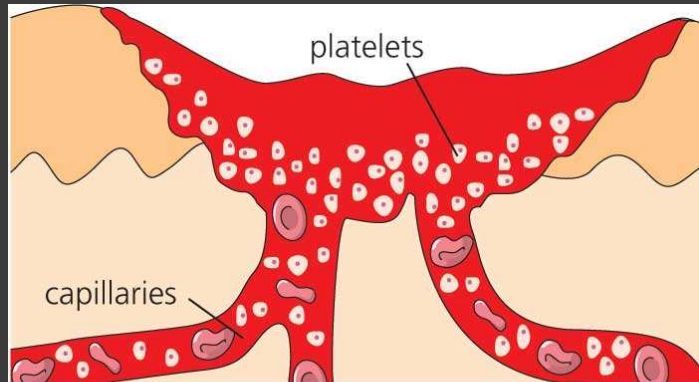


White Blood Cells



- Some engulf invading microbes to defend the body
- Others make Antibodies to attack them

Platelets



- Tiny pieces of cell with no nucleus
- Clump together when a blood vessel is damaged
- This mesh work of fibres produces a clot



Homework

- End of unit questions for next Wednesday.