

KEY FACTS

- Double circulation: pulmonary (heart↔lungs) + systemic (heart↔body)
- Left ventricle: thicker walls → pumps to whole body at higher pressure
- Arteries: away, thick walls. Veins: toward, valves. Capillaries: exchange, one cell thick.
- Blood: RBCs (O₂), WBCs (immunity), plasma (transport), platelets (clotting)

KEY TERMS

Double circulation	Two circuits: pulmonary and systemic
Coronary arteries	Supply heart muscle with O ₂

■ EXAM TIP: RIGHT → LUNGS. LEFT → BODY. Left ventricle has THICKER walls — tested every year.