

Circulatory systems

Revision notes • The circulatory system: blood vessels with a pump (the heart) and valves that keep the blood flowing in one direction.

For Cambridge IGCSE Combined Science 0653. **Supplement** is Extended content, only examined on Papers 2 and 4.

Circulatory systems Spec B9.1

The circulatory system Spec B9.1.1

The **circulatory system** is a system of blood vessels with a pump and valves to ensure **one-way flow of blood**. The pump is the heart. The vessels are arteries, veins and capillaries. Valves stop blood flowing backwards.

Quick check

1. What is the circulatory system?
2. What is the pump of the circulatory system?
3. What is the job of the valves in the circulatory system?

Quick check answers

Circulatory systems

1. A system of blood vessels with a pump and valves to ensure one-way flow of blood.
2. The heart.
3. To stop blood flowing backwards, so it flows one way only.