PETA KONSEP
CONCEPT MAP

SISTEM PEREDARAN
CIRCULATORY SYSTEM

Sistem Peredaran Tertutup *Closed Circulatory System*
- Ikan / *Fish*
- Amfibia / *Amphibians*
- Manusia / *Humans*

Sistem Peredaran Terbuka *Open Circulatory System*
- Serangga / *Insects*

Komponen / *Components* → Darah / *Blood*

Darah / *Blood* — Dikelaskan / *Classified into* → Kumpulan darah / *Blood groups*

Darah / *Blood* — Terdiri daripada / *Consists of*
- Sel darah merah / *Red blood cells*
- Sel darah putih / *White blood cells*
- Platlet / *Platelets*
- Plasma / *Plasma*

Sel darah merah / *Red blood cells* — Mempunyai / *Contain* → Hemoglobin / *Haemoglobin* → Mengikat oksigen / *Binds to oxygen* → Salur darah / *Blood vessels*

Sel darah putih / *White blood cells*
- Limfosit / *Lymphocytes*
- Fagosit / *Phagocytes* → Fagositosis / *Phagocytosis*

Platlet / *Platelets* → Pembekuan darah / *Blood clotting* → Membawa kepada / *Lead to* → Trombosis, embolisme, hemofilia / *Trombosis, embolism, haemophilia*

Plasma / *Plasma* — Di ruang antara tisu dan kapilari darah / *In space between tissues and blood capillaries* → Bendalir tisu / *Interstitial fluid*

Plasma / *Plasma* — Mempunyai / *Contain* → Antibodi / *Antibodies*

Salur darah / *Blood vessels*
- Arteri / *Artery* — Bercabang / *Branch into* → Arteriol / *Arterioles* — Bercabang / *Branch into* → Kapilari / *Capillaries* — Bersambung / *Join to form* → Venul / *Venules* — Bersambung / *Join to form* → Vena / *Veins*
- Vena / *Veins* — Mempunyai / *Contain* → Injap dalaman / *Internal valves*
- Arteri / *Artery* — Contoh / *Eg.* → Arteri pulmonari / *Pulmonary arteries*
- Arteri pulmonari / *Pulmonary arteries* — Mengangkut oksigen ke / *Transport oxygen to* → Jantung / *Heart*
- Jantung / *Heart* — Isu kesihatan / *Health issues* → Penyakit kardiovaskular / *Cardiovascular diseases*

Jantung / *Heart*
- Dua ruang atas / *Two upper chambers* — Atria / *Atria*
- Dua ruang bawah / *Two lower chambers* — Ventrikel / *Ventricles*

Kitaran jantung / *In a cardiac cycle*
- Mengecut / *Contract* → Sistol ventrikel / *Ventricular systole*
- Mengendur / *Relax* → Diastol ventrikel / *Ventricular diastole*

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