

Circulation ILOs

- 1.To demonstrate how metabolites regulate local blood flow using a feed-back loop.
- 2.To describe autonomic regulation of heartbeat using a feed-back loop
- 3.to outline factors which affect and regulate blood pressure using a feed-back loop
- 4.to describe the sequence of events occurring during formation of a blood clot
5. To explain the relationship between blood pressure and osmotic pressure in the capillaries
- 6.to discuss fetal and adult circulation differences.
7. to discuss red blood cell formation including the homeostatic mechanism for blood cells
- 8.to outline the transport and exchange of carbondioxide and oxygen by blood
- 9.State the major components of human blood
- 10.State the major components of plasma

11 Outline the life cycle of red blood cells, white blood cells and platelets including shape, function, origin and life span

12. discuss the basis of blood typing

13 discuss erythroblastosis

14 describe and differentiate between the five types of blood vessel

15. what are the essential functions of the lymphatic system

16 List the major vessels and organs of the lymphatic system and their functions

17. Distinguish between the pulmonary and systemic circulation

18. Trace the path of blood from aorta through the body and back to the left ventricle.

19. Define systole, diastole, pulse, hypertension and hypotension