

HAP

UNIT-I

- ① Define cell and its parts along with a well labelled diagram (V·Imp)
- ② Define Homeostasis. Write a short note on Positive and Negative feedback mechanism. (V·Imp)
- ③ Structure and function of plasma membrane. Transport mechanism across cell membrane / plasma membrane (Active & Passive Transport) (V·Imp)
- ④ Define the process of cell division or cell cycle (Mitosis)
- ⑤ Define Cell signalling or Cell communication.
- ⑥ Define tissue and its types, explain the structure and function of Epithelial and Connective tissue.

UNIT-II

- ① Write in detail about structure and function of skin (V·Imp)
- ② Classify Joints. Describe in detail about synovial joints (V·Imp)
- ③ Write in detail about structure and function of long bone.
- ④ Classify bones of skeletal system. Discuss the bones of skull & vertebral column.
- ⑤ Write a note on Physiology of Muscle contraction.
- ⑥ Write a note on Neuromuscular Junction.

UNIT - III

- ① Define Hemostasis / Blood Clotting / Blood Coagulation. (V. Imp)
- ② Describe composition and function of blood. (V. Imp)
- ③ Write in detail about ABO blood group system. (V. Imp)
- ④ Describe Lymphatic System. Write about structure and function of lymph node. (V. Imp)
- ⑤ Write a note on erythropoiesis.
- ⑥ Define Anaemia and its types.

UNIT - IV

- ① Write in detail about sympathetic and parasympathatic system (V. Imp)
- ② Anatomy and Physiology of hearing eye with diagram (V. Imp)
- ③ Describe physiology of hearing
- ④ Write a note on cranial and spinal nerves.

UNIT - V

- ① Describe anatomy and physiology of heart with a well labelled diagram (V. Imp)
- ② Define Cardiac Cycle. (V. Imp)
- ③ Write a short note on regulation of blood pressure (V. Imp)
- ④ Write a note on ECG (V. Imp)
- ⑤ Structure and function of blood vessels.