1st Year

Paper – I: Introductory Veterinary Anatomy

Semester II

Name of the Course: Introductory Veterinary Anatomy-II (General Splanchnology)

Course No. AHD-112; Cr. Hrs. 3 (2+1)

Theory

Cell Structure, Tissue Structure

Digestive system – mouth, tonsils, pharynx, esophagus, ruminant and non-ruminant stomach, small intestine, large intestine,. associated organs and digestive gland for digestion. Respiratory system- nostril, nasal cavity, sinus, pharynx, larynx, trachea, lungs, thorax, pleura, respiratory physiology.
Circulatory system – heart, blood arteries, veins, portal circulation, foetal circulation, lymphatic system.
Excretion system – Structure of kidney, ureter, bladder, urethera, structure of nephrons etc.
Female genital system – ovary, uterine tube, uterus, vagina, vulva, blood arteries, and nerves related to genital system.
Male genital system – Testis, Scrotum, epididimus, ductus deferens, penis, muscles, blood arteries, nerves related to genital system, accessory sex glands, secondary sex characters.
Structure of udder.

Practical

Practical introductory study of following using charts, models and basic laboratory facilities:

Cell Structure, Tissue Structure
Digestive system – mouth, tonsils, pharynx, esophagus, ruminant and non-ruminant stomach, small intestine, large intestine,. associated organs and digestive gland for digestion.
Respiratory system- nostril, nasal cavity, sinus, pharynx, larynx, trachea, lungs, thorax, pleura, respiratory physiology.
Circulatory system – heart, blood arteries, veins, portal circulation, foetal circulation, lymphatic system.
Excretion system – Structure of kidney, ureter, bladder, urethera, structure of nephron etc.
Female genital system – ovary, uterine tube, uterus, vagina, vulva, blood arteries, and nerves related to genital system.
Male genital system – Testis, Scrotum, epididimus, ductus deferens, penis, muscles, blood arteries, nerves related to genital system, accessory sex glands, and secondary sex characters.
Structure of udder.