



Course Name : Bachelor of Science

Discipline : Zoology

(FOR THOSE WHO JOIN IN 2015 AND AFTER)

COURSE SCHEME:

Self Learning Course:

Subject	Credit	Ext =Tot	Subject Code
Human Anatomy and Physiology	5	100 = 100	U1ZYSL1

HUMAN ANATOMY AND PHYSIOLOGY

Credit : 5

Subject Code: U1ZYSL1

Total Marks: 100

Unit I

Digestion

Human nutrition -Nutritional requirements for child hood, Pregnancy and lactation. Digestive system - Mechanism of digestion - Malnutrition-Kwashiakar disease.

Unit II

Respiration

Human respiratory system - Lungs mechanism of respiration - inspiration, expiration- Tidal volume-Vital capacity - Lung diseases - Asthma, Tuberculosis.

Unit III

Circulation

Human circulatory system – Heart structure-Working mechanism of heart-Arteries, Veins in circulation - blood clotting process - Erthroblastosis foetalis, heart attack.

Unit IV

Excretion

Excretory system-Kidney, nephorn - Urine formation, Diuresis uraemia and Glycosuia, kidney stones.

Unit V

Reproduction

Male and female reproductive systems- Puberty-menstrual cycle-Fertilization- pregnancy-parturition-sperm bank, fertility control.

Text Book

Text book of Animal Physiology – R.Nagabhusanam, 1999

Reference book

Human Physiology - Maltur
