

Lesson Plan

Name of the Faculty : **Gulshan Kumar**

Discipline : **Pharmacy**

Semester : **1st Year**

Subject : **Human Anatomy & Physiology**

Lesson Plan Duration : **15 weeks (from January, 2018 to April, 2018)**

Work Load(lecture/practical) per week (in hours): Lecture-04, Practicals-06

| Week | Theory | | Practical | |
|---------------------------|-------------|--|---------------|---|
| | lecture day | Topic (including assignment/test) | Practical day | Topic |
| 1st(Jan. 2nd week) | 1st | The Tissues, Simple epithelium | 1st (Batch A) | To find out Blood Pressure of the Body |
| | 2nd | Compound epithelium | | |
| | 3rd | Muscular Tissue | 2nd(Batch B) | To find out Blood Pressure of the Body |
| | 4th | Nervous Tissue | | |
| 2nd(Jan. 3rd week) | 1st | Connective Tissue, The white Fibres, Yellow elastic Fibres | 1st (Batch A) | To find out Pulse Rate of the Body |
| | 2nd | Areolar Tissue, Adipose Tissue, Fibrous Tissue | | |
| | 3rd | Bone, Cartilage | 2nd(Batch B) | To find out Pulse Rate of the Body |
| | 4th | Body Fluids | | |
| 3rd(Jan 4th week) | 1st | The Skeleton, The Axial skeleton | 1st (Batch A) | To find out the Heart Rate of the Body |
| | 2nd | The Vertebral Column, Lower limb, | | |
| | 3rd | Joints, Synovial Joints, Joints of upper limb | 2nd(Batch B) | To find out the Heart Rate of the Body |
| | 4th | Joints of lower limb, Arthritis | | |
| 4th(Feb. 1st week) | 1st | Introduction of Endocrine System | 1st (Batch A) | To find out Temperature of the Body |
| | 2nd | Pituitary Gland | | |
| | 3rd | Posterior Pituitary | 2nd(Batch B) | To find out Temperature of the Body |
| | 4th | Thyroid Gland | | |
| 5th(Feb. 2nd week) | 1st | Parathyroid Glands | 1st (Batch A) | To find out the Bleeding time of the Body |
| | 2nd | Adrenal Glands | | |
| | 3rd | The Digestive System, Salivary Glands | 2nd(Batch B) | To find out the Bleeding time of the Body |
| | 4th | Function of Various organs | | |
| 6th(Feb. 3rd week) | 1st | Physiology of Digestion | 1st (Batch A) | To find out Haemoglobin |
| | 2nd | Absorption, Structure of Liver | | |
| | 3rd | Function of Liver | 2nd(Batch B) | To find out Haemoglobin |
| | 4th | Physiology of Liver | | |
| 7th (Feb. 4th week) | 1st | Metabolism | 1st (Batch A) | To find out Electro-Cardiogram |
| | 2nd | Structure of Digestive system | | |
| | 3rd | Pancreas | 2nd(Batch B) | To find out Electro-Cardiogram |
| | 4th | Gall Bladder | | |

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| 8th (Mar. 1st week) | 1st | External & Middle Ear | 1st (Batch A) | To find out Blood Group of the Body |
| | 2nd | Internal Ear | | |
| | 3rd | Eye, Eye brows, Eyelids | 2nd(Batch B) | To find out Blood Group of the Body |
| | 4th | Lacrimal Apparatus, Enstrinsic Muscles | | |
| 9th(Mar. 2nd week) | 1st | Eye Ball, Outer Fibrous Coat | 1st (Batch A) | To find out the Clotting time of the Blood |
| | 2nd | Inner nervous coat , Light transmitting structure | | |
| | 3rd | Mechanism Of Sight | 2nd(Batch B) | To find out the Clotting time of the Blood |
| | 4th | Diseases of Eye | | |
| 10th (Mar. 3rd week) | 1st | External Ear | 1st (Batch A) | To find out Erythrocyte Sedimentation Rate |
| | 2nd | Middle Ear, Internal Ear | | |
| | 3rd | Mechanism of Hearing(Sensation of taste) | 2nd(Batch B) | To find out Erythrocyte Sedimentation Rate |
| | 4th | Skin | | |
| 11th(Mar . 4th week) | 1st | The Central Nervous System | 1st (Batch A) | To find out White Blood Cell Count |
| | 2nd | Brain | | |
| | 3rd | Basal Ganglia, Thalamus | 2nd(Batch B) | To find out White Blood Cell Count |
| | 4th | Hypothalamus, Spinal Cord | | |
| 12th(Apr . 1st week) | 1st | Types of Nerves | 1st (Batch A) | To find out Differential White Blood Cell Count |
| | 2nd | Autonomic Nervous System | | |
| | 3rd | Male Reproductive System | 2nd(Batch B) | To find out Differential White Blood Cell Count |
| | 4th | Seminal Vesicles, Penis, Testes | | |
| 13th(Apr . 2nd week) | 1st | Prostate Gland | 1st (Batch A) | To find out Red Blood Cell Count |
| | 2nd | Spermatozoa | | |
| | 3rd | Female Genital Organs, Secretion of milk | 2nd(Batch B) | To find out Red Blood Cell Count |
| | 4th | Internal Genital Organs | | |
| 14th(Apr . 3rd week) | 1st | Ovaries, Menstruation | 1st (Batch A) | To find out the Haemoglobin of the body |
| | 2nd | Development of the Foetus | | |
| | 3rd | Fertilisation | 2nd(Batch B) | To find out the Haemoglobin of the body |
| | 4th | Muscles of Head, Face & Neck | | |
| 15th(Apr . 4th week) | 1st | Muscles of Upper Limb | 1st (Batch A) | To Study the Malarial Parasites |
| | 2nd | Muscles of Lower Limb | | |
| | 3rd | Function & Properties of Skeletal Muscles | 2nd(Batch B) | To Study the Malarial Parasites |
| | 4th | physiology Of Muscle Contraction | | |

