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| **Performa : Hindu College of Pharmacy** |
| **Lesson Plan** |
| **Name of the faculty**  | Mrs.Garima Mittal |
| **Discipline**  | Pharmacy |
| **Semester/Year**  | Diploma 1st Year |
| **Subject**  | Human Anatomy and Physiology |
| **Lesson plan Duration**  | 25 weeks (July 16, 2019 to March 30, 2020) |
| **Work Load/week (hrs)** | Lecture- 03; Practical- 02/batch |
| **Week** | **Theory** | **Practical** |
| **Lecture**  | **Topic** | **Practical**  | **Topic** |
| **1st (Aug. 2nd week)** | **1st**  | Scope and definitions | **1st  (Batch A)** | Microscope |
| **2nd** | Cell  | **2nd (Batch B)** | -do- |
| **3rd**  | Cell organelles | **3rd (Batch C)** | -do- |
| **2nd (Aug. 3rd week)** | **1st**  | Epithelial Tissues | **1st  (Batch A)** | Cell |
| **2nd** | Connective Tissues | **2nd (Batch B)** | -do- |
| **3rd**  | Muscular and nervous Tissue | **3rd (Batch C)** | -do- |
| **3rd(Aug. 4th week)** | **1st**  | Skeleton | **1st  (Batch A)** | Bone of skull |
| **2nd** | Skeleton | **2nd (Batch B)** | -do- |
| **3rd**  | Joints | **3rd (Batch C)** | -do- |
| **4th(Aug. 5th week)** | **1st**  | Joints | **1st  (Batch A)** | Bones of thoracic cage and vertebral column |
| **2nd** | Disorders of joints | **2nd (Batch B)** | -do- |
| **3rd**  | Blood composition | **3rd (Batch C)** | -do- |
| **5th(Sept. 1st week)** | **1st**  | Blood functions | **1st  (Batch A)** | Bones of pectoral girdle and upper limb |
| **2nd** | Blood group | **2nd (Batch B)** | -do- |
| **3rd**  | Blood coagulation | **3rd (Batch C)** | -do- |
| **6th(Sept. 2nd week)** | **1st**  | Disorders of blood | **1st  (Batch A)** | Bones of pelvic girdle and lower limb |
| **2nd** | Lymph glands | **2nd (Batch B)** | -do- |
| **3rd**  | Heart | **3rd (Batch C)** | -do- |
| **7th(Sept. 3rd week)** | **1st**  | Heart | **1st  (Batch A)** | Heart |
| **2nd** | Arterial and venous system | **2nd (Batch B)** | -do- |
| **3rd**  | Blood pressure | **3rd (Batch C)** | -do- |
| **8th(Sept. 4th week)** | **1st**  | CVS Disorders | **1st  (Batch A)** | Urinary system |
| **2nd** | Introduction to Respiration | **2nd (Batch B)** | -do- |
| **3rd**  | Organs of respiration | **3rd (Batch C)** | -do- |
| **9th(Oct. 1st week)** | **1st**  | Physiology of Respiration | **1st  (Batch A)** | Respiratory system |
| **2nd** | Introduction to urinary system | **2nd (Batch B)** | -do- |
| **3rd**  | Kidney | **3rd (Batch C)** | -do- |
| **10th(Oct. 2nd week)** | **1st**  | Urine formation | **1st  (Batch A)** | Skin |
| **2nd** | Renal disorders | **2nd (Batch B)** | -do- |
| **3rd**  | Structure of skeletal muscles | **3rd (Batch C)** | -do- |
| **11th(November 2nd week)** | **1st**  | Physiology of muscle contraction | **1st  (Batch A)** | Clinical thermometer |
| **2nd** | Physiology of muscle contraction | **2nd (Batch B)** | -do- |
| **3rd**  | Functions of muscles | **3rd (Batch C)** | -do- |
| **12th(Nov. 3rd week)** | **1st**  | Neuromuscular junction | **1st  (Batch A)** | Stethoscope |
| **2nd** | Physiology of Neuromuscular junction | **2nd (Batch B)** | -do- |
| **3rd**  | Structure of human Eye | **3rd (Batch C)** | -do- |
| **13th(Nov. 4th week)** | **1st**  | Functions of eye | **1st  (Batch A)** | Sphygmomanometer |
| **2nd** | Structure of Ear | **2nd (Batch B)** | -do- |
| **3rd**  | Functions of Ear | **3rd (Batch C)** | -do- |
| 14th**(Nov. 5th week)** | **1st**  | Structure of Skin | **1st  (Batch A)** | Pulse and pulse rate |
| **2nd** | Physiology of skin | **2nd (Batch B)** | -do- |
| **3rd**  | Taste and smell | **3rd (Batch C)** | -do- |
| 15th**(Dec. 2nd week)** | **1st**  | Physiology Pain | **1st  (Batch A)** | Blood pressure |
| **2nd** | Introduction to digestive system | **2nd (Batch B)** | -do- |
| **3rd**  | Parts of GIT and functions | **3rd (Batch C)** | -do- |
| 16th**(Dec. 3rd week)** | **1st**  | Parts of GIT and functions | **1st  (Batch A)** | Digestive system |
| **2nd** | Digestion | **2nd (Batch B)** | -do- |
| **3rd**  | Absorption | **3rd (Batch C)** | -do- |
| 17th**(Jan. 2nd week)** | **1st**  | Structure and functions of Liver | **1st  (Batch A)** | Blood grouping |
| **2nd** | Structure and functions of Liver | **2nd (Batch B)** | -do- |
| **3rd**  | Gall bladder | **3rd (Batch C)** | -do- |
| 18th**(Jan. 3rd week)** | **1st**  | Pancreas | **1st  (Batch A)** | Haemoglobin contents |
| **2nd** | Pancreas | **2nd (Batch B)** | -do- |
| **3rd**  | Disorder of digestive system | **3rd (Batch C)** | -do- |
| 19th**(Jan. 4th week)** | **1st**  | Endocrine glands and Hormones | **1st  (Batch A)** | Bleeding time |
| **2nd** | Thyroid gland | **2nd (Batch B)** | -do- |
| **3rd**  | Pituitary gland | **3rd (Batch C)** | -do- |
| 20th**(Feb. 2nd week)** | **1st**  | Adrenal gland | **1st  (Batch A)** | Clotting time |
| **2nd** | Introduction to Nervous system | **2nd (Batch B)** | -do- |
| **3rd**  | Structure of Brain | **3rd (Batch C)** | -do- |
| 21st**(Feb. 3rd week)** | **1st**  | Functions of Brain | **1st  (Batch A)** | Male reproductive system |
| **2nd** | Spinal cord | **2nd (Batch B)** | -do- |
| **3rd**  | Reflex action | **3rd (Batch C)** | -do- |
| 22nd**(Feb. 4th week)** | **1st**  | Introduction to reproductive system | **1st  (Batch A)** | Female reproductive system |
| **2nd** | Male reproductive system | **2nd (Batch B)** | -do- |
| **3rd**  | Male reproductive system | **3rd (Batch C)** | -do- |
| 23rd**(Feb. 5th week)** | **1st**  | Female reproductive system | **1st  (Batch A)** | Revision & Viva-voce |
| **2nd** | Female reproductive system | **2nd (Batch B)** | -do- |
| **3rd**  | Introduction to ANS | **3rd (Batch C)** | -do- |
| 24th**(Mar. 2nd week)** | **1st**  | Parasympathetic nervous system | **1st  (Batch A)** | Revision & Viva-voce |
| **2nd** | Parasympathetic nervous system | **2nd (Batch B)** | -do- |
| **3rd**  | Sympathetic nervous system | **3rd (Batch C)** | -do- |
| 25th **(Mar. 3rd week)** | **1st**  | Disorders of nervous system | **1st  (Batch A)** | Revision & Viva-voce |
| **2nd** | Nutrition and Metabolisms | **2nd (Batch B)** | -do- |
| **3rd**  | Nutrition and Metabolisms | **3rd (Batch C)** | -do- |