

J R KISSAN COLLEGE OF PHARMACY AND HEALTH SCIENCE, ROHTAK

LESSON PLAN

D.Pharmacy 1st yr. (session 2022-23)

Subject- Human Anatomy and Physiology

Name of Faculty- Mr. YOGESH

S.No.	Days	Theory Topic	Practical Topic
1.	02-01-2023 - 05-01-2023	Scope of Anatomy and Physiology Definition of various terminologies Structure of Cell: Components and its functions	To study compound microscope
2.	06-01-2023- 13-01-2023 (Quiz/Oral Exam On Wednesday)	Tissues of the human body: Epithelial, Connective, Muscular and Nervous tissues – their sub-types and characteristics.	To study the human cell
3.	14-01-2023- 21-01-2023	Osseous system: structure and functions of bones of axial and appendicular skeleton	Microscopic study of epithelial tissues
4.	22-01-2023- 29-01-2023	Classification, types and movements of joints, disorders of joints	
5.	30-01-2023-06-02-2023	Conduct of Induction Program 2021	
6.	07-02-2023-13-02-2023	Haemopoietic system • Composition and functions of blood • Process of Hemopoiesis	To study human digestive system
7.	14-02-2023-20-02-2023 (Quiz/Oral Exam On Wednesday)	• Characteristics and functions of RBCs, WBCs, and platelets and Mechanism of Blood Clotting	To determine blood clotting time
8.	21-02-2023-28-02-2023	• Importance of Blood groups Lymphatic system • Lymph and lymphatic system, composition, function and its formation.	To study human skeleton using appendicular skeleton
9.	01-03-2023-07-03-2023	Revision for 1 st sessional exams and problem discussion	
10.	08-03-2023-15-03-2023 (Quiz/Oral Exam On Wednesday)	Conduct of 1st Internal assessment Exam	
11.	16-03-2023-23-03-2023	Extracurricular activity- Khelo-India Cricket Tournament	
12.	23-03-2023-31-03-2023	• Structure and functions of spleen and lymph node Cardiovascular system • Anatomy and Physiology of heart	To record blood pressure of a subject
13.	01-04-2023-07-04-2023	• Blood vessels and circulation (Pulmonary, coronary and systemic	

	(Seminar on Friday)	circulation)	
14.	08-04-2023-15-04-2023	Cardiac cycle and Heart sounds, Basics of ECG	To study human respiratory system
15.	16-04-2023-23-04-2023 (Quiz/Oral Exam On Wednesday)	Blood pressure and its regulation	To record heart rate
16.	24-04-2023-30-04-2023	Respiratory system • Anatomy of respiratory organs and their functions.	
17.	01-05-2023-07-05-2023 (Seminar on Friday)	Regulation, and Mechanism of respiration. • Respiratory volumes and capacities – definitions	To record body temperature using clinical thermometer
18.	08-05-2023-15-05-2023	Digestive system • Anatomy and Physiology of the GIT	
19.	16-05-2023- 23-05-2023 (Quiz/Oral Exam On Wednesday)	• Anatomy and functions of accessory glands Physiology of digestion and absorption	To study human nervous system
20.	24-05-2023- 30-05-2023	Skeletal muscles • Histology • Physiology of muscle contraction •	
21.	01-06-2023- 07-06-2023	Disorder of skeletal muscles Nervous system • Classification of nervous system •	
22.	08-06-2023- 15-06-2023	Anatomy and physiology of cerebrum, cerebellum, mid brain • Function of hypothalamus, medulla oblongata and basal ganglia	To study human eye
23.	16-06-2023-20-06-2023 (Quiz/Oral Exam On Wednesday)	Conduct of 2nd Internal assessment Exam	
24.	21-06-2023-23-06-2023	Spinal cord-structure and reflexes • Names and functions of cranial nerves. •	
25.	24-06-2023-26-06-2023	Anatomy and physiology of sympathetic and parasympathetic nervous system (ANS)	To study human ear
26.	27-06-2023-30-06-2023 (Seminar on Friday)	Sense organs - Anatomy and physiology of • Eye • Ear • Skin • Tongue	
27.	31-06-2023-02-07-2023 (Quiz/Oral Exam On Wednesday)	• Sense organ- Nose Urinary system • Anatomy and physiology of urinary system	Microscopic study of cardiac muscle
28.	03-07-2023-10-07-2023	•Physiology of urine formation • Renin - angiotensin system	
29.	11-07-2023-15-07-2023	• Clearance tests and micturition	To determine haemoglobin

		Endocrine system- Introduction	content.
30.	16-07-2023-18-07-2023	Endocrine system (Hormones and their functions)	
31.	19-07-2023-20-07-2023	Pituitary gland • Adrenal gland • Thyroid and parathyroid gland	
32.	20-07-2023- 22-07-2023 (Quiz/Oral Exam On Wednesday)	• Pancreas and gonads Reproductive system	To record radial pulse
33.	20-07-2023- 22-07-2023	Anatomy of male and female reproductive system • Physiology of menstruation	
34.	20-07-2023- 22-07-2023	Spermatogenesis and Oogenesis • Pregnancy and parturition	
35.	From 23-07-2023 onward	Revision and problem discussion	Revision