

LESSON PLAN
SUBJECT- HUMAN ANATOMY & PHYSIOLOGY (D.PHARM-I)
PREPARED BY DR. (MRS). GITANJALI TRIPATHY (LECT.IN PHARMACY)

TITLE OF CHAPTER	THEORY DAY	TOPIC TO BE COVERED	DATE	ACTUAL PROGRESS	REMARK
Introduction	1.	Scope of Anatomy and Physiology			
	2.	Definition of various terminologies			
Structure of Cell	3.	Components and its functions			
	4.	Components and its functions			
Tissues of the human body	5.	Epithelial tissues – their sub-types and characteristics			
	6.	Connective tissues – their sub-types and characteristics			
	7.	Muscular tissues – their sub-types and characteristics			
	8.	Nervous tissues – their sub-types and characteristics			
Lymphatic system	9.	Lymph and lymphatic system. composition			
	10.	Lymph and lymphatic system. function			
	11.	Formation of lymph			
	12.	Structure and functions of spleen and lymph node			
	13.	Structure and functions of lymph node			
Cardiovascular system	14.	Anatomy and Physiology of heart			
	15.	Anatomy and Physiology of heart			
	16.	Blood vessels and circulation (Pulmonary)			
	17.	Blood vessels and circulation (Coronary)			
	18.	Blood vessels and circulation (Systemic circulation)			
	19.	Cardiac cycle and Heart sounds, Basics of ECG			
	20.	Blood pressure and its regulation			
	21.	Blood pressure and its regulation			
Respiratory system	22.	Anatomy of respiratory organs and their functions			
	23.	Anatomy of respiratory organs and their functions			
	24.	Anatomy of respiratory organs and their functions			
	25.	Regulation, and Mechanism of respiration			

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	16.	Regulation and Mechanism of respiration
	17.	Respiratory volumes and capacities - definitions
Digestive system	18.	Anatomy and Physiology of the GI
	19.	Anatomy and Physiology of the GI
	20.	Anatomy and Physiology of the GI
	21.	Anatomy and functions of accessory glands
	22.	Anatomy and functions of accessory glands
	23.	Physiology of digestion and absorption
	24.	Physiology of digestion and absorption
	25.	Physiology of digestion and absorption
Nervous system	26.	Histology
	27.	Histology
	28.	Physiology of muscle contraction
	29.	Physiology of muscle contraction
	30.	Disorder of skeletal muscles
Nervous system	31.	Classification of nervous system
	32.	Anatomy and physiology of cerebrum
	33.	Anatomy and physiology of cerebellum
	34.	Anatomy and physiology of mid brain
	35.	Spinal cord-structure and reflexes
	36.	Spinal cord-structure and reflexes
	37.	Names and functions of cranial nerves
	38.	Names and functions of cranial nerves
	39.	Anatomy and physiology of sympathetic nervous system
	40.	Anatomy and physiology of sympathetic nervous system
	41.	Anatomy and physiology of parasympathetic nervous system
	42.	Anatomy and physiology of parasympathetic nervous system
	Sense organs -	43.

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my and ology of	54.	Eye			
	55.	Ear			
	56.	Skin			
	57.	Tongue			
	58.	Nose			
	59.	Nose			
Urinary system	60.	Anatomy and physiology of urinary system			
	61.	Anatomy and physiology of urinary system			
	62.	Physiology of urine formation			
	63.	Physiology of urine formation			
	64.	Renin - angiotensin system			
	65.	Renin - angiotensin system			
	66.	Clearance tests and micturition			
	67.	Clearance tests and micturition			
Endocrine system	68.	Pituitary gland			
	69.	Pituitary gland			
	70.	Adrenal gland			
	71.	Thyroid and parathyroid gland			
	72.	Pancreas and gonads			
	73.	Pancreas and gonads			
Reproductive system	74.	Anatomy of male reproductive system			
	75.	Anatomy of male reproductive system			
	76.	Anatomy of female reproductive system			
	77.	Anatomy of female reproductive system			
	78.	Physiology of menstruation			
	79.	Physiology of menstruation			
	80.	Spermatogenesis and Oogenesis			
	81.	Pregnancy and parturition			


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