Lesson Plan

Name of Faculty : BHAWNA RANI

Discipline : MLT Year : 1st sem.

Subject : ANATOMY AND PHYSIOLOGY

Lesson Plan Duration: From October 2022

Work Load (Lecture/Practical) per week (n hours): Lecture= 03, Practical= 02

		Theory	Practical		
Week	Lecture Day	Topic (including assignment / test)	Practical Day	Topic	
	1	Introduction Human Body Structure and functions of animal cell.	1	Study of various parts of body	
1 st	2	Do		through demonstration	
		Various definitions related to anatomy and physiology.	2		
		Assignment and test		Study of tissue.	
	3	Introduction to different types of tissue.			
	4	Epithelial tissue, structure and function			
2^{nd}		Nervous tissue, structure and function	3	Study of different types of Tissue. Internal structure of Bone.	
	5	Connective tissue, structure and function			
		Muscular tissue, structure and function			
	6	Bone & Cartilage, structure and function	4		
		Assignment and test			
	7	Structure and function of Skin		Study of different parts of skin.	
3 rd		Accessory organs of Skin	5		
	8	Assignment and test			
		Introduction to skeleton system and various parts	6	Study of various Bones.	
	9	Classification of bones and their structure			
		Do			
4 th	10	Joints and their classification	7	Study of various Joints	
		Major Joints of Body			
	11	Assignment and test			
	11	Introduction to digestive system		Study of Stomach and small intestine.	
		and various organs of digestion	8		
	12	Structure and function of stomach			
		Structure and function of small			
5 TH		intestine.		Study of Liver through demonstration.	
	13	Structure and function of liver			
		Structure and function of pancreas	9		
	14	Structure and function of salivary glands			
		Process of digestion and absorption			

10		1.5	Classification of vitamins and their role		Study of Digestive System and its
In body		15		10	
Assignment and test Introduction to Respiratory system and its various parts Structure of lungs, trachea, alveoli, histology of all Respiration, its classification and mechanism 18 Gaseous exchange in the body Regulation of respiration, BMR 19 Various volumes and capacities related to respiration Assignment and test Introduction to Excretory System, its organs Structure of Kidneys, ureter and urinary bladder 21 Structure of Kidneys, ureter and urinary bladder 21 Structure of nephron 14 Structure of nephron 15 Solving of previous question papers 15 Revision of practicals. Solving of previous question papers 15 Revision of practicals. Solving of previous question papers 15 Study of brain and its parts with structure Do Do Do Do Do Do Do D			Classification of minerals and their role		
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muscle fatigue its type			muscle fatigue its type		
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Blood and its function components 21 Study of conduction system of heart		31	Assignment and test		
11 th 32 Structure and functioning of heart		31	Assignment and test Blood and its function components	21	Study of conduction system of heart

		Various circulation of blood, cardiac		
		cycle		
	33	Study of conduction system of heart,	22	Study of stained blood film
		blood pressure		
		Arteries, Vein their differences		
	34	Lymph its function, various organ of		
1.0th		lymphatic system	23	Estimation of blood pressure
12 th		Test and assignment		
	35	Introduction to endocrine system and		
		various endocrine glands		
		Pituitary gland, Hypothalamus their		
		secretions, their function and their		
		effects		
	36	Thyroid gland its secretions, function	24	Study of male Reproductive system
		and effects		
		Adrenal gland its secretions, function		
		and effects		
	37	Testis and ovaries its secretions,		Study of Female Reproductive system
		function and effects		
		Pancreas its secretions, function and	25	
13 th	38	effects		
	38	Parathyroid gland, Pineal gland its		
		secretions, function and effects Test and assignment		
		-		Study of Ovarian cycle
	39	Introduction to Reproductive system and various parts	26	
			20	
		Male Reproductive system and various parts		
		Spermatogenesis, Structure of sperm		
14 th	40	Female Reproductive system and		
		various parts	27	Study of Spermatogenesis
	41	Female Reproductive system and	21	
	41	various parts		
		Ovarian cycle		
	42	Ovulation	28	Study of Structure of sperm
	12	Fertilization		
15 th	43	Test and assignment		Revision of practicals
		Revision of questions papers	29	
	44	Problems of unit-I		
		Problems of unit-II,III		
	45	Problems of unit-II,II	30	Revision of practicals
	43	Solving of previous question papers	30	
		Sorting of provious question papers		