

NAME OF FACULTY: Mr. Bipul Kumar Mahto

DISCIPLINE : DMLT

SEMESTER : 2nd

SUBJECT : ANATOMY AND PHYSIOLOGY - II (121922)

WEEK	LECTURE DAY	THEORY	PRACTICAL DAY	PRACTICAL
		TOPIC		TOPIC
1 st	1 st	Nervous system Central nervous system (brain and spinal cord)	1 st	Study of various parts of nervous system - brain demonstration from mode
	2 nd	Central nervous system (brain and spinal cord)		
	3rd	Peripheral nervous system (cranial and spinal nerves)		
2 nd	4 th	Peripheral nervous system (cranial and spinal nerves)	2 nd	Study of various parts of nervous system - spinal cord demonstration from model
	5 th	The sense organs structure and functions of eye		
	6 th	structure and functions of ear		
3 rd	7th	structure and functions of tongue	3 rd	Study of structure of eye- demonstration from model
	8th	structure and functions of nose		
	9th	Muscular system Brief description of skeletal muscles		
4th	10th	Brief description of smooth muscles	4 th	Study of structure of ear - demonstration from model
	11th	Brief description of cardiac muscles		
	12th	Muscle fatigue		
5th	13th	Circulatory system Composition and functions of blood	5 th	Study of structural differences between skeletal, smooth and cardiac muscles (permanent mounts) through demonstration
	14th	Composition and functions of blood		
	15th	Anatomy and physiology of Heart		
6th	16th	Anatomy and physiology of Heart	6 th	Study of structural differences between skeletal, smooth and cardiac muscles (permanent mounts) through demonstration
	17th	Circulation of blood, Cardiac Cycle and Conducting System of Heart		
	18th	Circulation of blood, Cardiac Cycle and Conducting System of Heart		

7th	19th	The blood pressure	7 th	Study of structural differences between skeletal, smooth and cardiac muscles (permanent mounts) through demonstration
	20th	Arteries and viens- differences		
	21st	Lymph and lymphatic system		
8th	22nd	Lymph and lymphatic system	8 th	Study of various parts of circulatory system through demonstration
	23rd	Endocrine system Description of each endocrine gland its secretions and their effect on the body		
	24th	Description of each endocrine gland its secretions and their effect on the body		
9th	25th	Description of each endocrine gland its secretions and their effect on the body	9 th	Study of various parts of circulatory system through demonstration
	26th	Description of each endocrine gland its secretions and their effect on the body		
	27th	Description of each endocrine gland its secretions and their effect on the body		
10 th	28th	Description of each endocrine gland its secretions and their effect on the body	10 th	Examination of stained blood film for blood cells
	29th	Description of each endocrine gland its secretions and their effect on the body		
	30th	Description of each endocrine gland its secretions and their effect on the body		
11 th	31st	Reproductive System Male reproductive system	11 th	Estimation of blood pressure
	32nd	Male reproductive system		
	33rd	Female reproductive system		
12 th	34th	Female reproductive system	12 th	Study of various parts of reproductive system - male demonstration from models and charts)
	35th	The ovarian cycle and ovulation		
	36th	The ovarian cycle and ovulation		
13 th	37th	Fertilization	13 th	Study of various parts of reproductive system - male demonstration from models and charts)
	38th	Fertilization		
	39th	CLASS TEST		
14 th	40th	Discussion of important Questions of Unit 1	14 th	Study of various parts of reproductive system - Female demonstration from models and charts)

	41st	Discussion of Important Questions of Unit 2		
	42nd	Discussion of Important Questions of Unit 3		
15 th	43rd	Discussion of Important Questions of Unit 4	15 th	Study of various parts of reproductive system - Female demonstration from models and charts)
	44th	Discussion of Important Questions of Unit 5		
	45th	CLASS TEST		