

LESSON PLAN

NAME OF FACULTY : Surender Sharma

DISCIPLINE : DMLT

SEMESTER : 2nd

SUBJECT : Anatomy and Physiology II

LESSON PLAN DURATION : 15 Weeks (from January, 2018 to April, 2018)

Work Load Per week : Lectures- 3, Practical - 2

WEEK	THEORY		PRACTICAL	
	LECTURE DAY	TOPIC (ASSIGNMENT/TEST)	PRACTICAL DAY (Each day for 2 hours)	TOPIC
1st	1	Introduction to CNS	1st	Study of various parts of nervous system (brain and spinal cord) (demonstration from model)
	2	Brain		
	3	Spinal Cord		
2nd	4	PNS Introduction	2nd	Study of various parts of nervous system (brain and spinal cord) (demonstration from model)
	5	Spinal nerves		
	6	Cranial Nerves		
3rd	7	Sense organs (Eye ear)	3rd	Study of structure of eye and ear (demonstration from models)
	8	Tongue and nose		
	9	Test and Assignment of unit 1		
4th	10	Introduction to muscular system	4th	Study of structure of eye and ear (demonstration from models)
	11	Various type of muscles		
	12	Various type of muscles		
5th	13	Various type of muscles	5th	Study of structural

	14	Muscle fatigue		differences between skeletal, smooth and cardiac muscles (permanent mounts) through demonstration.
	15	Introduction to circulatory system		
6th	16	Composition of blood	6th	Study of structural differences between skeletal, smooth and cardiac muscles (permanent mounts) through demonstration.
	17	Anatomy & phy. of Heart		
	18	Anatomy & phy. of Heart		
7th	19	Circulation of blood	7th	Study of various parts of circulatory system through demonstration.
	20	Cardiac cycle		
	21	Conduction system of heart		
8th	22	Blood pressure	8th	Study of various parts of circulatory system through demonstration.
	23	Arteries and veins		
	24	Lymph and lymphatic system		
9th	25	Revision of unit 2nd	9th	Examination of stained blood film for blood cells
	26	Revision of unit 3		
	27	Assignment of unit 2 and 3		
10th	28	Test of unit 2 and 3	10th	Examination of stained blood film for blood cells
	29	Introduction of endocrine system		
	30	Various glands Pineal gland, Hypothalamus		
11th	31	Pituitary gland, Salivary gland,	11th	Estimation of blood pressure
	32	Parathyroid,		

	33	Ovary-testostron gland		
12th	34	Adrinal gland	12th	Estimation of blood pressure
	35	Pancreas		
	36	Thymus		
13th	37	Revision of endocrine system	13th	Study of various parts of reproductive system (male and female demonstration from models and charts)
	38	Introduction to reproductive system		
	39	Male reproductive system		
14th	40	Female reproductive system	14th	Study of various parts of reproductive system (male and female demonstration from models and charts)
	41	Ovarian cycle		
	42	Ovulation		
15th	43	Fertilization	15th	Study of various parts of reproductive system (male and female demonstration from models and charts)
	44	Revision of reproductive system		
	45	Test of endocrine and reproductive system		