

**WEEKLY LESSON PLAN**  
**B.Sc. MEDICAL 4<sup>TH</sup> SEMESTER**  
**ZOOLOGY PAPER II---MAMMALIAN PHYSIOLOGY II SESSION**  
**2023-24**

<b>Week</b>	<b>Week</b>	<b>Topic</b>
1.	01/01/24-06/01/24	Origin , conductance and regulation of heart beat, cardiac cycle, cardiac output
2.	08/01/24-13/01/24	Electrocardiogram ,blood and lymph composition
3.	15/01/24-20/01/24	Mechanism of coagulation of blood, coagulation factors, anticoagulant and haemopoiesis
4.	22/01/24-27/01/24	Class test on circulation, nature, origin and propagation of nerve impulse along with medullated and non medullated nerve fibres
5.	29/01/24-03/02/24	Conductance of nerve impulse across synapse
6.	05/02/24-10/02/24	Exchange of respiratory gases transport of gases, lung air volume , oxygen dissociation curve of haemoglobin , bohr effect, chloride shift, control of respiration
7.	12/02/24-17/02/24	Spermatogenesis, capacitation of spermatozoa,,ovulation, formation of corpus luteum , oestrous- anoestrous cycle
8.	19/02/24-24/02/24	Menstrual cycle, fertilization, implantation and gestation
9.	26/02/24-02/03/24	Unit test on reproduction and neural integration
10.	04/03/24-09/03/24	Patterns of excretory products, ornithine cycle
11.	11/03/24-16/03/24	urine formation, counter current mechanism osmoregulation and micturition
12.	18/03/24-22/03/24	Structure and mechanism of hormone action,
13.	23/03/24-31/03/24	Holi break
14.	01/04/24-06/04/24	Physiology of hypothalamus, pituitary gland
15.	08/04/24-13/04/24	Physiology of thyroid, parathyroid, adrenal , pancreas and gonad
16.	15/04/24-20/04/24	Class test and revision
17.	22/04/24-30/04/24	Class test and revision

**MRS. SUVIDHA**  
**ASSISTANT PROFESSOR**  
**DEPARTMENT OF ZOOLOGY**

