

Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Swan Bhushan
 Class and Section: B.Sc. 1st Year, 3rd 4th Semester and Medical Section
 Subject: Zoology, Paper - II Mammalian Physiology - II

Week	Date	Topics
1	1-Jan-18	Origin, Conduction & Regulation of Heart Beat
	2-Jan-18	Cardiac Cycle
	3-Jan-18	-
	4-Jan-18	-
	5-Jan-18	-
	6-Jan-18	-
	7-Jan-18	Sunday
2	8-Jan-18	Cardiac Output, Fluid Pressure & flow pressure in closed & open circulatory system
	9-Jan-18	Competition of Blood and Lymph.
	10-Jan-18	-
	11-Jan-18	-
	12-Jan-18	-
	13-Jan-18	-
	14-Jan-18	Sunday
3	15-Jan-18	Mech. of Coagulation of Blood, Coagulation Factors
	16-Jan-18	Anticoagulants, Haemopoiesis
	17-Jan-18	-
	18-Jan-18	-
	19-Jan-18	-
	20-Jan-18	-
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Exchange of Respiratory Gases, Transport of Gases <small>Sir Chhotu Ram Jayanti</small>
	24-Jan-18	-
	25-Jan-18	-
	26-Jan-18	Republic Day
	27-Jan-18	-
	28-Jan-18	Sunday
5	29-Jan-18	Lung Air Volumes, O ₂ Dissociation Curve of Haemoglobin,
	30-Jan-18	Part Bohr's Effects, Chloride Shift
	31-Jan-18	-

Swan Bhushan

Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Gnan Bhushan
 Class and Section: B.Sc. 1st Year; 4th Semester and Medical Section
 Subject: Zoology; Paper-II Mammalian Physiology-II

Week	Date	Topics
1	1-Feb-18	—
	2-Feb-18	—
	3-Feb-18	—
	4-Feb-18	Sunday
2	5-Feb-18	Control/Regulation of Respiration
	6-Feb-18	Pattern of Excretory Products viz. Ammonotelic, Urotelic, Uricotelic
	7-Feb-18	—
	8-Feb-18	—
	9-Feb-18	—
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Ornithine Cycle for urea formation in liver Maha Shivratri
	13-Feb-18	—
	14-Feb-18	—
	15-Feb-18	—
	16-Feb-18	—
	17-Feb-18	—
	18-Feb-18	Sunday
4	19-Feb-18	Urine formation; Counter-current Mech of urine Concentration
	20-Feb-18	Osmoregulation, Micturition
	21-Feb-18	—
	22-Feb-18	—
	23-Feb-18	Test
	24-Feb-18	—
	25-Feb-18	Sunday
5	26-Feb-18	Neural Integration, Nature, Origin & propagation of Nerve impulse along Medullated Nerve fibres - Part I
	27-Feb-18	Part-II (Along Non-Medullated Nerve fibres)
	28-Feb-18	—

Gnan Bhushan

Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Gaur Bhushan
 Class and Section: B.Sc. 1st Year 4th Sem and Medical Section
 Subject: Zoology - Paper - II - Mammalian Physiology - II

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	—
	4-Mar-18	Sunday
2	5-Mar-18	Conduction of Nerve Impulse Across Synapse - Part I
	6-Mar-18	Conduction of Nerve Impulse Across Synapse - Part II
	7-Mar-18	—
	8-Mar-18	—
	9-Mar-18	—
	10-Mar-18	—
	11-Mar-18	Sunday
3	12-Mar-18	Endocrinology: Structure and Function Mech. of Hormone Action
	13-Mar-18	Physiology of Hypothalamus
	14-Mar-18	—
	15-Mar-18	—
	16-Mar-18	—
	17-Mar-18	—
	18-Mar-18	Sunday
4	19-Mar-18	Physiology of Pituitary Gland
	20-Mar-18	Physiology of Thyroid, Parathyroid
	21-Mar-18	—
	22-Mar-18	—
	23-Mar-18	Shaheed Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	—
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Physiology of Adrenal
	27-Mar-18	Physiology of Pancreas
	28-Mar-18	—
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	—
	31-Mar-18	—

Dr. Gaur Bhushan

Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Ganu Bhushan
 Class and Section: B.Sc. 2nd Year; 4th Sem and Medical Section
 Subject: Zoology; Paper-II: Mammalian Physiology-II

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Physiology of Gonads
	3-Apr-18	Reproduction: Spermatogenesis
	4-Apr-18	—
	5-Apr-18	—
	6-Apr-18	—
	7-Apr-18	—
	8-Apr-18	Sunday
2	9-Apr-18	Capacitation of Spermatozoa
	10-Apr-18	Ovulation; Formation of Corpus luteum
	11-Apr-18	—
	12-Apr-18	—
	13-Apr-18	—
	14-Apr-18	Dr. Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Oestrous-Anoestrous Cycle
	17-Apr-18	Menstrual Cycle in Human
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	—
	20-Apr-18	Test —
	21-Apr-18	—
	22-Apr-18	Sunday
4	23-Apr-18	Fertilization
	24-Apr-18	Implantation and Gestation
	25-Apr-18	—
	26-Apr-18	—
	27-Apr-18	—
	28-Apr-18	—

Ganu Bhushan