

## Lesson Plan

Name of the Assistant/ Associate Professor.....Karuna.....Mirakshi.....

Class and Section:.....Bsc. II.....Medical.....Sec.(A).....

Subject:.....Zoology.....

Week	Date	Topics
1	1-Jan-18	Origin and evolutionary tree of <u>Amphibia</u>
	2-Jan-18	External characters and systematic position of <u>Rana tigrina</u>
	3-Jan-18	Digestive system of <u>Rana tigrina</u> .
	4-Jan-18	Origin, conduction and regulation of heart beat.
	5-Jan-18	cardiac cycle, Electrocardiogram.
	6-Jan-18	cardiac output, Fluid pressure and flow pressure.
	7-Jan-18	Sunday
2	8-Jan-18	Respiration and circulation of <u>Rana tigrina</u>
	9-Jan-18	Arterial, and venous system of <u>Rana tigrina</u> .
	10-Jan-18	Excretion in <u>Rana tigrina</u>
	11-Jan-18	composition and functions of blood and lymph
	12-Jan-18	Mechanism of coagulation of blood
	13-Jan-18	Coagulation factors, anticoagulants.
	14-Jan-18	Sunday
3	15-Jan-18	Reproduction and larval stage in <u>Rana tigrina</u>
	16-Jan-18	Parental care in <u>Amphibia</u>
	17-Jan-18	Revision of <u>Rana tigrina</u>
	18-Jan-18	Haemopoiesis
	19-Jan-18	Exchange of respiratory gases
	20-Jan-18	Transport of respiratory gases
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	A Seminar on Parental care in <u>Amphibia</u>
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Unit test of circulation
	26-Jan-18	Republic Day
	27-Jan-18	Lung air volumes
	28-Jan-18	Sunday
	29-Jan-18	Unit Test of frog.
5	30-Jan-18	Origin and evolutionary tree of class Reptilia.
	31-Jan-18	External characters and systematic position of <u>Lizard</u>

## Lesson Plan

Name of the Assistant/ Associate Professor..... Karuna Minakshi

Class and Section:..... Bsc. II Medical (sec. A)

Subject:..... Zoology

Week	Date	Topics
1	1-Feb-18	oxygen dissociation curve of haemoglobin, Bohr's effect
	2-Feb-18	Hamburger's phenomenon, central regulation of respiration
	3-Feb-18	Patterns of excretory products viz. Ammonotelic, Ureotelic, Uricotelic
	4-Feb-18	Sunday
2	5-Feb-18	Digestive system of <u>Hemidactylus</u>
	6-Feb-18	Respiration of <u>Hemidactylus</u> .
	7-Feb-18	Circulation and arterial, venous system of <u>Hemidactylus</u>
	8-Feb-18	Unit test of Respiration
	9-Feb-18	ornithine cycle for urea formation in liver
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Brain and sensory system of lizard
	13-Feb-18	Maha Shivratri
	14-Feb-18	Excretion and Reproduction of <u>Hemidactylus</u>
	15-Feb-18	urine formation.
	16-Feb-18	counter-current mechanism of urine concentration
	17-Feb-18	Osmoregulation, micturition
	18-Feb-18	Sunday
	4	19-Feb-18
20-Feb-18		A seminar on Circulation of <u>Hemidactylus</u> .
21-Feb-18		A seminar on Extinct Reptiles
22-Feb-18		Unit test of Excretion.
23-Feb-18		Neural Integration: Nature, origin and propagation.
24-Feb-18		Conduction of nerve impulse across synapse.
25-Feb-18		Sunday
5		26-Feb-18
	27-Feb-18	External characters and systematic position of Pigeon
	28-Feb-18	Digestive and Respiratory system of Pigeon

## Lesson Plan

Name of the Assistant/ Associate Professor... Karuna, Minakhi.....

Class and Section: Bsc. II (Sec. A).....

Subject: Zoology.....

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Structure and mechanism of hormone action
	4-Mar-18	Sunday
2	5-Mar-18	Circulation of blood in Pigeon
	6-Mar-18	Arterial and venous system in Pigeon
	7-Mar-18	Brain and Sensory system of Pigeon
	8-Mar-18	Unit test of Neural integration.
	9-Mar-18	Physiology of hypothalamus gland.
	10-Mar-18	" " Pituitary gland.
	11-Mar-18	Sunday
3	12-Mar-18	Excretory system of Pigeon
	13-Mar-18	Reproductive system and Flight Adaptation in Birds.
	14-Mar-18	Principles of aerodynamics in Bird Flight
	15-Mar-18	Physiology of thyroid gland
	16-Mar-18	" " Parathyroid gland
	17-Mar-18	" " adrenal gland.
	18-Mar-18	Sunday
	4	19-Mar-18
20-Mar-18		A seminar on Flight Adaptation in Aves
21-Mar-18		Unit Test of Unit IIIrd of Diversity
22-Mar-18		Physiology of Pancreas gland
23-Mar-18		Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
24-Mar-18		Physiology of Gonads gland.
25-Mar-18		Sunday/ Ram Navami
5		26-Mar-18
	27-Mar-18	Digestive system of <u>Rattus rattus</u> (alimentary canal)
	28-Mar-18	Digestive glands of Rat
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Unit test of hormones
	31-Mar-18	Spermatogenesis

## Lesson Plan

Name of the Assistant/ Associate Professor... Karuna, Minakshi.....

Class and Section:..... Bsc:II (Sec: A).....

Subject:..... Zoology.....

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Respiratory system of Rat
	3-Apr-18	Circulation of Blood in Rat
	4-Apr-18	Brain and Sensory system of Rat
	5-Apr-18	capacitation of spermatozoa,
	6-Apr-18	ovulation
	7-Apr-18	Formation of Corpus luteum
	8-Apr-18	Sunday
2	9-Apr-18	Excretory system of Rat
	10-Apr-18	Reproduction in Rat and dentition in Mammals
	11-Apr-18	Adaptive Radiations of Mammals
	12-Apr-18	Oestrous - anoestrous cycle
	13-Apr-18	Menstrual cycle in human
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Unit Test of Unit IV of Diversity
	17-Apr-18	Revision of Complete syllabus
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Fertilization
	20-Apr-18	Implantation
	21-Apr-18	Gestation
	22-Apr-18	Sunday
4	23-Apr-18	Test of Complete Diversity of chordates.
	24-Apr-18	A Seminar on Poisonous and Non Poisonous snakes
	25-Apr-18	A seminar on Principle of aerodynamics in Birds flight
	26-Apr-18	Test of Complete Physiology
	27-Apr-18	Seminar on Coagulation of blood.
	28-Apr-18	Seminar on Menstrual cycle