Name of College: Pt. N.R.S. Govt. College Academic session- 2024-25 Semester: Odd

Name of Teacher:Neeraj Devi Class:(B.Sc.Chem.Hons.2nd year)

Week	
1st Week	Introduction toEndocrine System
(22-27July)	madaction to Endocrine System
28Sunday	
2 nd Week	Histology and functions of endocrine glands;
(29July-3August)	Thistology and functions of chaocrine glands,
04Sunday	
3 rd Week(05-	Nature of hormones; Mode of action of hormones
10Aug)	
11AugSunday	
4 th Week (12-	Hypothalamus-principal nuclei involved in control o fendocrine
17Aug)	system
15Aug	
18Aug Sunday	
5 th Week (19-	Control of anterior pituitary hormones by hypothalamic releasing
24Aug)	hormones
25AugSunday	
6 th Week (26-	Histology of different types of muscle Ultrastructure of skeletal muscle
31Aug)	
1SeptSunday	
7 th Week (02-	Characteristics of muscle twitch; Motor unit. Molecular and chemical basis of
07Sept)	muscle contraction
08Sept Sunday	
8thWeek (09-	Physiology of male and female reproduction; Methods of contraception
14Sept)	Disorders of reproductive system
15Sept Sunday	
9 th Week (16-	Histology of male and female reproductive system ,puberty
21Sept)	
22Sept Sunday	
10 th Week(23-	General organization of nervous system
28Sept)	
29SeptSunday	
11 th Week	Neuron resting membrane potential land it sbasis;
(30Sept-05Oct)	
02Oct	
06OctSunday	

12 th Week(07-	Origin of action potential and
12Oct)	Its propagation in myelinated and unmyelinated nerve fibers;
13OctSunday	
13 th Week(14-	Synaptic transmission and types of synapses,
19Oct)	
20OctSunday	
14thWeek(21-	Neuro-muscular junction; Physiology of hearing and vision. Structure and types
26Oct)	of mode of digestive system and its glands
27Oct-03Nov	DIWALIHOLIDAYS
16 th Week(04-	Process of digestion, assimilation and
09Nov)	various disorders.
10 NovSunday	
17 th Week(11-	Structure and function of respiratory system; Control and coordination of
16Nov)	respiration.
17 NovSunday	
18 th Week(18-	REVISION
22Nov)	
23Nov-20Dec	University exam

Name of College: Pt. N.R.S. Govt. College Academic session- 2024-25 Semester: Odd

Name of Teacher:Dr.Amit Dev

Class:B.Sc. 1st DSC Section-C

Week	
1st Week	General characters of protozoans
(22-27July)	Classification, Biodiversity, <i>Plasmodium</i> introduction:
28Sunday	
2 nd Week (29July-3August)	Lifecycle of <i>Plasmodium</i> , distribution and economic importance, Life history of <i>Entamoeba</i>
04Sunday	
3 rd Week(05-	Entamoeba: Mode of infection, Pathogenecity, Life history of
10Aug)	Trypanosoma,
11AugSunday	
4 th Week (12-	Mode of infection and pathogenicity, General characters and
17Aug)	classification of Porifera
15Aug,18Aug Sunday	
5 th Week (19-	Canal system in sponges, Spicules in sponges
24Aug)	General characters and classification up to order level
25AugSunday	
6 th Week (26-31Aug)	Test and assignment
1SeptSunday	
7 th Week (02-	Corals and coral reefs, General characters of
07Sept)	Helminthes, Classification of Helminthes, Fasciola hepatica general character
08Sept Sunday	
8 th Week (09-	polymprphism in siphonophores, Type study Fasciola
14Sept)	hepatica, Helminthes parasite: Ancyclostoma
15Sept Sunday	
9 th Week (16-	Helminthes parasite: Wuchereria, General characters of
21Sept)	Phylum Annelida, Classification of Phylum Annelida
22Sept Sunday	
10 th Week(23-	Metamerism in Annelids, General characters of Arthropoda
28Sept)	
29SeptSunday	
11 th Week	Classification of Phylum Arthropoda, General Characters of
(30Sept-05Oct)	Cockroach
02Oct	
06OctSunday	

12thWeek(07-	Type study of Cockroach, General Characters of Phylum
12Oct)	Mollusca, Torsion and detorsion in gastropods
13OctSunday	
13 th Week(14-	Classification of Phylum Mollusca, Torsion and detorsion in
19Oct)	gastropoda, General Characters of Phylum Echinodermata
20OctSunday	
14 th Week(21-	Classification of Phylum Echinodermata, Sea Star general
26Oct)	characters, Type study Asterias
27Oct-03Nov	DIWALI HOLIDAYS
16 th Week(04- 09Nov)	Test and assignments
10 NovSunday	
17 th Week(11- 16Nov)	Water vascular system in Echinodermates, General, characters of
	Phylum Hemichordata
17 NovSunday	
18thWeek(18-	REVISION
22Nov)	
23Nov-20Dec	University exam

Name of College: Pt. N.R.S. Govt. College Academic session- 2024-25 Semester: Odd

Name of Teacher:Ravina

Class:B.Sc. 1st DSC Section-B

Week	
1 st Week (22-27July)	General characters of protozoans Classification ,Biodiversity, <i>Plasmodium</i> introduction:
28Sunday	
2 nd Week (29July-3August)	Lifecycle of <i>Plasmodium</i> , distribution and economic importance, Life history of <i>Entamoeba</i>
04Sunday	
3 rd Week(05- 10Aug)	Entamoeba: Mode of infection, Pathogenecity, Life history of Trypanosoma,
11AugSunday	
4 th Week (12- 17Aug)	Mode of infection and pathogenicity, General characters and classification of Porifera
15Aug,18Aug Sunday	
5 th Week (19- 24Aug)	Canal system in sponges, Spicules in sponges General characters and classification up to order level
25AugSunday	
6 th Week (26- 31Aug)	Test and assignment
1SeptSunday	
7 th Week (02- 07Sept)	Corals and coral reefs, General characters of Helminthes, Classification of Helminthes, <i>Fasciola hepatica</i> general character
08Sept Sunday	
8 th Week (09- 14Sept)	polymprphism in siphonophores, Type study <i>Fasciola hepatica</i> , Helminthes parasite: <i>Ancyclostoma</i>
15Sept Sunday	
9 th Week (16- 21Sept)	Helminthes parasite: <i>Wuchereria</i> , General characters of Phylum Annelida, Classification of Phylum Annelida
22Sept Sunday	
10 th Week(23-	Metamerism in Annelids, General characters of Arthropoda
28Sept)	
29SeptSunday	
11 th Week (30Sept-05Oct)	Classification of Phylum Arthropoda, General Characters of Cockroach
02Oct 06OctSunday	

12thWeek(07-	Type study of Cockroach, General Characters of Phylum
12Oct)	Mollusca, Torsion and detorsion in gastropods
13OctSunday	
13 th Week(14-	Classification of Phylum Mollusca, Torsion and detorsion in
19Oct)	gastropoda, General Characters of Phylum Echinodermata
20OctSunday	
14 th Week(21-	Classification of Phylum Echinodermata, Sea Star general
26Oct)	characters, Type study Asterias
27Oct-03Nov	DIWALI HOLIDAYS
16 th Week(04- 09Nov)	Test and assignments
10 NovSunday	
17 th Week(11- 16Nov)	Water vascular system in Echinodermates, General, characters of
	Phylum Hemichordata
17 NovSunday	
18thWeek(18-	REVISION
22Nov)	
23Nov-20Dec	University exam

Name of College: Pt. N.R.S. Govt. College Academic session- 2024-25 Semester: Odd

Name of Teacher:Dr.Shelly Dalal

Class:B.Sc. 1st DSC Section-A

Week	
1st Week	General characters of protozoans
(22-27July)	Classification, Biodiversity, <i>Plasmodium</i> introduction:
28Sunday	
2 nd Week (29July-3August)	Lifecycle of <i>Plasmodium</i> , distribution and economic importance, Life history of <i>Entamoeba</i>
04Sunday	
3 rd Week(05-	Entamoeba: Mode of infection, Pathogenecity, Life history of
10Aug)	Trypanosoma,
11AugSunday	
4 th Week (12-	Mode of infection and pathogenicity, General characters and
17Aug)	classification of Porifera
15Aug,18Aug Sunday	
5 th Week (19-	Canal system in sponges, Spicules in sponges
24Aug)	General characters and classification up to order level
25AugSunday	
6 th Week (26-31Aug)	Test and assignment
1SeptSunday	
7 th Week (02-	Corals and coral reefs, General characters of
07Sept)	Helminthes, Classification of Helminthes, Fasciola hepatica general character
08Sept Sunday	
8 th Week (09-	polymprphism in siphonophores, Type study Fasciola
14Sept)	hepatica, Helminthes parasite: Ancyclostoma
15Sept Sunday	
9 th Week (16-	Helminthes parasite: Wuchereria, General characters of
21Sept)	Phylum Annelida, Classification of Phylum Annelida
22Sept Sunday	
10 th Week(23-	Metamerism in Annelids, General characters of Arthropoda
28Sept)	
29SeptSunday	
11 th Week	Classification of Phylum Arthropoda, General Characters of
(30Sept-05Oct)	Cockroach
02Oct	
06OctSunday	

12thWeek(07-	Type study of Cockroach, General Characters of Phylum
12Oct)	Mollusca, Torsion and detorsion in gastropods
13OctSunday	
13 th Week(14-	Classification of Phylum Mollusca, Torsion and detorsion in
19Oct)	gastropoda, General Characters of Phylum Echinodermata
20OctSunday	
14 th Week(21-	Classification of Phylum Echinodermata, Sea Star general
26Oct)	characters, Type study Asterias
27Oct-03Nov	DIWALI HOLIDAYS
16 th Week(04- 09Nov)	Test and assignments
10 NovSunday	
17 th Week(11- 16Nov)	Water vascular system in Echinodermates, General, characters of
	Phylum Hemichordata
17 NovSunday	
18thWeek(18-	REVISION
22Nov)	
23Nov-20Dec	University exam

LESSON PLAN Session: 2024-25 odd sem

Name of teacher- Dr. Devender Class-: B.Sc II (semester-3) Sec A

Subject-::ZOOLOGY

CLASS	WEEKS	SYLLABUS
B.Sc II	22-7-2024 to 27-7-	Muscles ; Assignment: 1. Type of muscles
(semester-3)	2024	1.Ultrastructure of skeletal muscle
Sec A	2024	2.muscle contraction
	29-7-2024 to 3-8-	1. tetanus, muscle twitch, muscle fatigue
	2024	2.cori cycle
		3.smooth muscle properties
	5-8-2024 To 10-8-	Bones; 1. structure and types and classification of bones
	2.4	2.bone growth
	24	
	12-8-2024 to 17-8-	Bones ; 1.bone disorders
	2024	2.ageing effect on skeletal system
	20-8-2024 t 24-8-2024	Chordates ; Assignment: 1. Classification of chordates
		2. Digestive system of Herdmania
		3.classification, origin, evolution of chordates
		4.biodiversity of chordates
		5.economic importance of chordates
	27-8-2024 to 31-8-2024	Protochordates: systematic position, distribution, ecology,
		morphology and affinities
		2.type study –Herdmania
		3. type study- Amphioxus
	2-9-2024 to 7-9-2024	Cyclostomes ; Topics to be covered: 1. Character, classification up to
		orders
		2. examples emphasizing biodiversity
	0.0.0004144.0.0004	3. type study- petromyzon
	9-9-2024 to 14-9-2024	Pisces; Assignment: scales and fins of fishes
		1. general characters, classification of all phyla up to orders
		2. Examples emphasizing their biodiversity
ı	16-9-2024 to 21-9-2024	Topics to be covered:

	Economic importance and conservation measures when required
23-9-2024 to 28-9-2024	Topics to be covered:
	Economic importance and conservation measures when required
20ssiganaventsi-d0geqtive	system of labeo rohita
	Pisces ;
	Scales and fins of fishes
7-10-2024 to 12-10-	Pisces
2024	1.Parental care in fishes
	2.Fish migration
14-10-2024 to 19-10-	Pisces
2024	Assignments: Parental care in fishes
	Topics to be covered: labeo rohita type study
21-10-2024 to 26-10-	chordates in general
2024	General characters of all phylum (comparative)
4-11-2024 to 9-11-2024	bones Topics to be covered: Resorption in bones and revision of bone
	disorders
11-11-2024 to 20-11-	revision of chordates and test 1
2024	Revision of mammalian physiology and test 2
23-11-2024 to 20-12-	MDU examination
2024	
21-12-2024 to 31-12-	Winter break
2024	

LESSON PLAN Session: 2024-25

Name of teacher- Dr. Hariom

Class-: B.Sc II (semester-3)

Subject-::Zoology

CLASS	WEEKS	SYLLABUS
B.Sc II	22-7-2024	Muscles ; Assignments: 1. Type of muscles
(seme ster-	to 27-7-	1.Ultrastructure of skeletal muscle 2.muscle contraction
3) 20	2024	
Sec.B	29-7-2024 to 3-8-2024	tetanus, muscle twitch, muscle fatigue cori cycle s.mooth muscle properties
	5-8-2024 10-8-2024	Bones;1. structure and types and classification of bones 2.bone growth
	12-8-2024	Bones ; 1.bone disorders
	to 17-8- 2024	2.ageing effect on skeletal system
	20-8-2024 t 24- 8-2024	Chordates; Assignments: 1. Classification of chordates 2. Digestive system of Herdmania 3.classification, origin, evolution of chordates 4.biodiversity of chordates 5.economic importance of chordates
	27-8-2024 to 31-8-2024	Protochordates ;1 systematic position, distribution, ecology, morphology and affinities 2.type study –Herdmania 3. type study- Amphioxus
	2-9-2024 to 7- 9-2024	Cyclostomes; Topics to be covered: 1. Character, classification up to orders 2. examples emphasizing biodiversity 3. type study- petromyzon
	9-9-2024 to 14- 9-2024	Pisces; Assignment: scales and fins of fishes 1. general characters, classification of all phyla upto orders 2. Examples emphasizing their biodiversity

16-9-2024 to	Topics to be covered:
21-9-2024	Economic importance and conservation measures when required
23-9-2024 to	Topics to be covered:
28-9-2024	Economic importance and conservation measures when required
Assignments: c	ligestive system of labeo rohita
10-2024	Pisces ;
	Scales and fins of fishes
7-10-2024 to	Pisces
12-10-2024	1.Parental care in fishes
	2.Fish migration
14-10-2024 to	Pisces
19-10-2024	Assignments: Parental care in fishes
	Topics to be covered: labeo rohita type study
21-10-2024 to	chordates in general
26-10-2024	General characters of all phylum (comparative)
4-11-2024 to 9-	bones Topics to be covered: Resorption in bones and revision of bone
11-2024	disorders
11-11-2024 to	revision of chordates and test 1
20-11-2024	Revision of mammalian physiology and test 2
23-11-2024 to	MDU examination
20-12-2024	
21-12-2024 to	Winter break

Name of College: Pt. N.R.S. Government College, Rohtak AcademicSession:2024-25

Semester: Odd

Name of Ass.Prof: Neeraj Class: B.Sc. 1st chem. Hons. Name of Subject:zoology MDC

Name of Subject:zoolo	ogy MDC
	Zoology:Definition and scope,introductiontoAnimal Kingdom
22 nd -27 th July	
2047	CYNYD 1 YY
28 th July	SUNDAY
	Animal characters
29th-03rdAugust	Non-Chordates and Invertebrates with examples, Invertebrate Phyla, Introduction to
	basic characters of animal with special reference to the non chordates
04th August	SUNDAY
	Biodiversity:Introductionand Scope;Generalcharacters of Protozoa
5 th -10 th August	And Porifera
11 th August	SUNDAY
	General characters of Coelentrata and Annelida; Ecological importance of corals;
12th-17th August	
18th August	SUNDAY
	Morphology of earthworm and
19th-24th August	Its ecological role; Economic importance of Leech
25 th August	SUNDAY
	General characters of Arthropoda; Study of basic characters of insects and snails; Insects as pest:
26 th –31 st August	miscets as pest.
1stSeptember	SUNDAY
	Grasshopper, Economic importance of Honey Bee
2 nd -7 th September	Simple in the state of the stat
08th September	SUNDAY
•	General characters of Echinodermata
9 th -14 th September	
•	
15 th September	SUNDAY
16th-21stSeptember	Revision, Assignment, Test
22 nd September	SUNDAY
23th-28thSeptember	;Study of basic characters of Starfish with reference to its role in
	ecosystem
29th September	SUNDAY
30thSep-05thOctober	\Revision, Assignment, Test
06 th October	SUNDAY
07 th -12 th October	
07 -12 October	Economic importance of StarFish
13 th October	SUNDAY
14 th -19 th October	17.7
14'-19' October	General characters of Mollusca
20 th October	SUNDAY
20 October	DUIDAI

21st-26thOctober	Study of Amoeba and sponges with special reference to its structure and economic importance
27 th October	SUNDAY
4 th –9 th November	.Snails as pest in Paddy fields
10 th November	SUNDAY
11 th -16 th November	Revision, Assignment, Test
17 th November	SUNDAY
18 th November onwards till Exams.	Revision, Assignment, Test

Summary of Lesson Plan of College Faculty
Name of College: Pt. N.R.S. Government College, Rohtak
Academ AcademicSession:2024-25

Semester: Odd

Name of Asstt./Ass. Prof: Ravina

Class: B.Sc. 1st

Name of Subject: zoology SEC

Name of Subject. 2001	ogy sile
	Origins o Apiculture meaning, definition scope and history
22 nd -27 th July	Status of Apiculture Industry in India
28th July	SUNDAY
	Classification and Life Cycle of Honey Bee.
29th-03rdAugust	Identification of Indigenous and exotic Honey bee species
	, ,
04th August	SUNDAY
5th 10th 4 4	Cultivable species of Honey Bee with reference to India
5 th -10 th August 11 th August	Social organization of honey bees: the castes- queen, drone and workers, SUNDAY
11"August	
12 th -17 th August	Nesting behavior of Honey bees, Bee foraging, Seasonal management, swarming in Honey bees, waggle dance, defense in honey bees
12 -17 August	in Honey bees, waggie dance, defense in honey bees
18 th August	SUNDAY
	Diseases and Enemies. of Bees ,Control and Preventive measures.
19th-24th August	
25th August	SUNDAY
	Role of Bees in cross pollination in horticulture and agriculture
26 th –31 st August	
1st September	SUNDAY
	Equipments used in Bee keeping Industry
2 nd -7 th September	
a of the second	
08 th September	SUNDAY
9 th -14 th September	Products of Apiculture Industry and their Uses (Honey, Bee Wax, Royal Jelly,
9 -14 September	
15 th September	SUNDAY
16 th -21 st September	Bee Venom, Propolis and Pollen)
10 21 September	Bee Venoni, 1 Topons und 1 onen)
22 nd September	SUNDAY
23 th -28 th September	Bee Keeping Industry: Present and future
29th September	SUNDAY
30th Sep -05th October	Revision, Assignment, Test
06 th October	SUNDAY
07 th -12 th October	Prospects of apiculture as self employment venture
	SUNDAY
13 th October 14 th -19 th October	
20 th October	Economics of Apiculture: Expenditure, Net Income, and Additional benefits SUNDAY
21 st –26 th October	Social organization of honey bees: the castes- queen, drone and workers
	arone and workers
	ı

Summary of Lesson Plan of College Faculty
Name of College: Pt. N.R.S. Government College, Rohtak
Academ AcademicSession:2024-25

Semester: Odd

Name of Asstt./Ass. Prof: Dr.Amit Dev

Class: B.Sc. 1st

Name of Subject: zoology SEC

Name of Subject. 2001	ogy ble
	Origins oApiculture meaning, definition scope and history
22 nd -27 th July	Status of Apiculture Industry in India
28th July	SUNDAY
,	Classification and Life Cycle of Honey Bee.
29th-03rd August	Identification of Indigenous and exotic Honey bee species
	, ,
04th August	SUNDAY
₽th ∢ Ωth ∧	Cultivable species of Honey Bee with reference to India
5 th -10 th August	Social organization of honey bees: the castes- queen, drone and workers,
11 th August	SUNDAY
12th-17thAugust	Nesting behavior of Honey bees, Bee foraging, Seasonal management, swarming
12 -1/ August	in Honey bees, waggle dance, defense in honey bees
18 th August	SUNDAY
	Diseases and Enemies. of Bees ,Control and Preventive measures.
19th-24th August	
25th August	SUNDAY
	Role of Bees in cross pollination in horticulture and agriculture
26 th –31 st August	
1st September	SUNDAY
-	Equipments used in Bee keeping Industry
2 nd -7 th September	
08 th September	SUNDAY
Oth 14th C	Products of Apiculture Industry and their Uses (Honey, Bee Wax, Royal Jelly,
9 th -14 th September	
15 th September	SUNDAY
16 th -21 st September	Bee Venom, Propolis and Pollen)
10 -21 September	bee venom, Propons and Ponem
22 nd September	SUNDAY
23 th -28 th September	Bee Keeping Industry: Present and future
•	
29th September	SUNDAY
30 th Sep -05 th October	Revision, Assignment, Test
06 th October	SUNDAY
07 th -12 th October	Prospects of apiculture as self employment venture
13 th October	SUNDAY
14 th -19 th October 20 th October	Economics of Apiculture: Expenditure, Net Income, and Additional benefits SUNDAY
21st-26th October	Social organization of honey bees: the castes- queen, drone and workers
21 -20 October	Social organization of noney oces, the castes- queen, though and workers
	1

27th October	SUNDAY
4 th –9 th November	Methods of extraction of Honey and other products
10 th November	SUNDAY
11th -16th November	Revision, Assignment, Test
17 th November	SUNDAY
18 th November	Revision, Assignment, Test
onwards till Exams.	
18th November	

JULY 2024 to DECEMBER 2024 Odd semester

Name of the Assistant Professor: Parveen Punia

Class and Section: B.Sc II (semester-3) Section A and B

Subject: Zoology

Paper: 1. Mammalian physiology-I

JULY

Week 4

Chapter: Lipids

Assignments: Lipids Structure

Topics to be covered: Introduction on Lipids, Classification of Lipids, general properties of Lipids

Week 5

Chapter: Carbohydrates

Topics to be covered: Introduction on Carbohydrates, Classification of carbohydrates,

AUGUST

Week 1

Chapter: carbohydrates

Topics to be covered:

General properties of carbohydrates

Week 2

Chapter: Introduction, structure and classification of protein

Topics to be covered:

General properties of Proteins

Week 3

Chapter - Enzymes

Assignments: 1. Classification of proteins

2. Enzymes

Topics to be covered:

Classification of enzymes

Week 4

Chapter: Enzymes

Topics to be covered:

Mechanisms of enzyme action

LESSON PLAN JULY 2024 to DECEMBER 2024 Odd semester

Week 5
Chapter: Transport through Biomembranes
Topics to be covered: Active transport
SEPTEMBER
Week 1
Chapter: Transport through Biomembranes
Assignment: Transport of Biomolecules
Topics to be covered: Passive transport
Week 2
Chapter: Buffers
Topics to be covered:
Buffers
Week 3
Chapter: Nutrition
Assignments: Vitamins
Topics to be covered:Nutritional Components
Week 4
Chapter: nutrition
Topics to be covered: Types of nutrition and Feeding
Topics to be covered: Types of nutrition and Feeding
Octobou
October
Week 1:
Chapter: Nutrition
Assignments: Digestion of dietary constituents - Lipids and Proteins
Assignments. Digestion of dietary constituents - Lipius and Proteins
1.Topics to be covered: Digestion of dietary constituents - Lipids
and Proteins
Week 2
∣ Week Z
Chapter: Nutrition Topics to be covered:

LESSON PLAN JULY 2024 to DECEMBER 2024 Odd semester

Week 3	
Chapter: Nutrition	
Topics to be covered: Absorption of Nutrients	
Diwali vacations	
November	
Veek 2	
Chapter: Nutrition	
Topics to be covered: Assimilation of Nutrients andControl of enzyme secretion	
Week 3	
Revision of mammalian physiology	

Summary of Lesson Plan of College Faculty
Name of College: Pt. N.R.S. Government College, Rohtak
Academ AcademicSession:2024-25

Semester: Odd SEC A&B

Name of Asstt./Ass. Prof: Surender Narwal Class: B.Sc. 5TH SEM
Name of Subject: zoology

Name of Subject: zoolo	<u>)gy</u>
22 nd -27 th July	Introduction to world fisheries:
28 th July	SUNDAY
29 th -03 rd August	Production, utilisation and demand
04 th August	SUNDAY
_th _ th .	Fresh water fishes of India
5 th -10 th August	
11 th August	SUNDAY
12 th -17 th August	River System
18 th August	SUNDAY
19 th -24 th August	Resevirvoir, Pond, Tank fisheries,
25 th August	SUNDAY
26 th –31 st August	Captive and Culture Fisheries
1 st September	SUNDAY
2 nd -7 th September	Cold water fisheries
08 th September	SUNDAY
	Fishing Craft
9 th -14 th September	Fishing Gears
15 th September	SUNDAY
16 th -21 st September	Revision, Assignment, Test
22 nd September	SUNDAY
41 41	Fin fishes, Crustaceans, Molluscs and their culture
29 th September	SUNDAY
	Fish Seed Production:
_	Narurtural seed resources, its assessment, collection, Hatchery Production
06 th October	SUNDAY
07 th -12 th October	Nutrition: Source of Food (Narutural and Artificial)
	fish feed composition (Calories and Chemsiical ingredients)
13 th October	SUNDAY
14 th -19 th October	Field culture:
	Ponds - Runnning water, Recycled Water, cage culture
	<u> </u>

20 th October	SUNDAY
21 st –26 th October	; Poly culture
27 th October	SUNDAY
4 th –9 th November	Culture Technology:
	Biotechnology, Gene manipulation and cryopreservation of Gamets
41.	
10 th November	SUNDAY
11 th -16 th November	Revision, Assignment, Test
17 th November	SUNDAY
18 th November	Revision, Assignment, Test
onwards till Exams.	

Summary of Lesson Planof College Faculty
Name of College: Pt. N.R.S. Government College, Rohtak
Acad AcademicSession:2024-25

Semester: Odd

SEC: A

NameofAsstt./Ass.Prof:SunitaBirwal Class: B.Sc. 5TH SEM NameofSubject: zoology

Nameoisubject: 20010	<i>53</i>
22 nd -27 th July	Ecology:Basic concepts of Ecology,Definition,significance. concept of Habitat and ecological Niche
28 th July	SUNDAY
29th-03rd August	Factors Affecting Environment:Abiotic
	Factors, Light, Temperature
04th August	SUNDAY
5th-10th August	FactorsAffecting Environment:Humidity,Topography,Edaphic factor and Biotic factors
11th August	SUNDAY
12th-17th August	Ecosystem:Concept,components,properties and Functions
18th August	SUNDAY
19th-24th August	Exoecologicalenergeticandenergyflowfoodchainandfoodweb Trophicstructure,Exo ecologicalPyramids
25th August	SUNDAY
26th-31stAugust	ConceptofProductivity Biogeochemical cycle
1stSeptember	SUNDAY
2 nd -7 th September	Reservoir pool,Gaseous cycle and sedimentary cycle Population Growth Curve
08 th September	SUNDAY
9 th -14 th September	Origin of Life: Concept and Evidences of evolution
15 th September	SUNDAY
16 th -21 st September	Theories of Organic Evolution
22 nd September	SUNDAY
23 th -28 th September	Concept of Microevolution
29 th September	SUNDAY
30thSep-05thOctober	Concept of macroevolution
06 th October	SUNDAY
07 th -12 th October	concept of Mega evolution
13 th October	SUNDAY

14th-19thOctober	Concept of Species
20th October	SUNDAY
21st-26thOctober	Phylogeny of Horse
27 th October	SUNDAY
4th-9th November	Evolution of Man
10 th November	SUNDAY
11th-16th November	Revision, Assignment, Test
17 th November	SUNDAY
18 th November	Revision, Assignment, Test
Onwards til lExams.	

Summary of Lesson Plan of College Faculty Name of College: Pt. N.R.S. Government College, Rohtak Academ Semester: Odd SEC B Name of Teacher Tilak raj Class: B.Sc. 5^{TH} AcademicSession:2024-25

SEM

Name of Subject: zoology

Name of Subject: zoology		
22 nd –27 th July	Ecology: Basic concepts of Ecology, Definition, significance. concept of Habitat and ecological Niche	
28 th July	SUNDAY	
29 th -03 rd August	Factors Affecting Environment: Abiotic Factors, Light, Temperature	
04th August	SUNDAY	
5 th -10 th August	Factors Affecting Environment: Humidity, Topography, Edaphic factor and Biotic factors	
11th August	SUNDAY	
12th-17th August	Ecosystem: Concept, components, properties and Functions	
18th August	SUNDAY	
19 th -24 th August	Exo ecological energetic and energy flow food chain and food web Trophic structure, Exo ecological Pyramids	
25th August	SUNDAY	
26th-31stAugust	Concept of Productivity Biogeochemical cycle	
1 st September	SUNDAY	
2 nd -7 th September	reservoir pool, Gaseous cycle and sedimentary cycle Population Growth Curve	
08th September	SUNDAY	
9 th -14 th September	Origin of Life: Concept and Evidences of evolution	
15 th September	SUNDAY	
16 th -21 st September	Theories of Organic Evolution	
22 nd September	SUNDAY	
23 th -28 th September	Concept of Micro evolution	
29th September	SUNDAY	
30 th Sep -05 th October	concept of macro evolution	
06 th October	SUNDAY	
07 th -12 th October	concept of Mega evolution	
13 th October	SUNDAY	

14th-19th October	Concept of Species
20th October	SUNDAY
21st-26th October	Phylogeny of Horse
27 th October	SUNDAY
4 th –9 th November	Evolution of Man
10 th November	SUNDAY
11th -16th November	Revision, Assignment, Test
17 th November	SUNDAY
18 th November	Revision, Assignment, Test
onwards till Exams.	