

ZOOLOGY

SGGSJ Govt. College Paonta Sahib

TEACHING PLAN

Department: Zoology

Name of Staff: Dr Ritu Pant & MS. Seema Tyagi

Class: BSc 1st YEAR

Paper Title: ANIMAL DIVERSITY DSC IA

Paper Code: ZOOL 101

MONTH	UNIT/SECTION	Schedule d Task	Method of teaching	ASSIGNMENT	PRACTICAL S
AUGUST	SECTION A (Kingdom protista, Phylum Porifera, Cnidaria)	ENTIRE TOPICS	LECTURE METHOD with charts,ppt s	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
SEPTEMBER	CONTD. Section A(Cnidaria,,Platyhelminthes ,Nemathelminthes)	ENTIRE TOPICS	LECTURE METHOD with charts,ppt s	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
OCTOBER	SECTION B(Annelida,Arthropoda,Mollusca,Echinodermata)	ENTIRE TOPICS	LECTURE METHOD with charts,ppt s	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
NOVEMBER	SECTION C(Protochordates,Agnatha,Pisces,Amphibia)	ENTIRE TOPICS	LECTURE METHOD with charts,ppt s	Previous year university. Question paper sand routine class tests	AS PER SYLLABUS
DECEMBER	SECTION D(Reptilia) & MID TERM TEST	ENTIRE TOPICS	LECTURE METHOD with charts,ppt s	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
JANUARY	WINTER BREAK				
FEBRUARY	SECTION D (Aves,Mammals)	ENTIRE TOPICS	LECTURE METHOD with charts,ppt s	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
MARCH	PRACTICAL EXAMS				

Dr. Ritu Pant (A.P Zoology) *RP* Ms. Seema Tyagi(A.P Zoology)

Seema Tyagi

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TEACHING PLAN

Department: Zoology


Name of Staff: Dr Ritu Pant & MS. Seema Tyagi

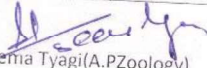
Class: BSc 1st YEAR

Paper Title: Comparative anatomy and Dev bio. Of vertebrates DSC IB

Paper Code: ZOOL 102

MONTH	UNIT/SECTION	Scheduled Task	Method of teaching	ASSIGNMENT	PRACTICALS
AUGUST	SECTION A(Integumentary system,skeletal system)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
SEPTEMBER	CONTD(Digestive system,respiratory system)	CONTD	CONTD	CONTD	
OCTOBER	SECTION B(Circulatory system,urinogenital system, Nervous system,sense organs)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
NOVEMBER	SECTION C(Early embryonic Development)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class tests	AS PER SYLLABUS
DECEMBER	SECTION D (Late embryonic development) & MID TERM TEST	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
JANUARY	WINTER BREAK				
FEBRUARY	SECTION D(Late embryonic development,control of development)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
MARCH	PRACTICAL EXAMS				

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TEACHING PLAN

Department: Zoology
Name of Staff: Dr Ritu Pant
Class: BSc 2nd YEAR
Paper Title: PHYSIOLOGY AND BIOCHEMISTRY DSC IC
Paper Code: ZOOL 201

MONTH	UNIT/SECTION	Scheduled Task	Method of teaching	ASSIGNMENT	PRACTICALS
AUGUST	SECTION A(Nerve and Muscle,Digestion)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
SEPTEMBER	CONTD(Digestion,Respiration,	CONTD	CONTD	CONTD	AS PER SYLLABUS
OCTOBER	SECTION B(Excretion, cardiovascular system, reproduction and endocrine Glands)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
NOVEMBER	SECTION C(Carbohydrate , lipid metabolism)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class tests	AS PER SYLLABUS
DECEMBER	SECTION D (Protein metabolism) & MID TERM TEST	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
JANUARY	WINTER BREAK				
FEBRUARY	SECTION D(Enzymes)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
MARCH	PRACTICAL EXAMS				

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TEACHING PLAN

Department: Zoology

Class : BSc 2nd YEAR

Name of Staff: Dr Ritu Pant

Paper Code: ZOOL 202

Paper Title: GENETICS & EVOLUTIONARY BIOLOGY DSC ID

MONTH	UNIT/SECTION	Scheduled Task	Method of teaching	ASSIGNMENT	PRACTICALS
AUGUST	SECTION A(Introduction to Genetics)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
SEPTEMBER	CONTD.(Mendelian Genetics and its extension)	CONTD	CONTD	CONTD	AS PER SYLLABUS
OCTOBER	SECTION B(Linkage, crossing over,Mutations,Sex determination)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
NOVEMBER	SECTION C(History of life,Evolutionary theories, Evidences of evolution, processes of Evolutionary Changes)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class tests	AS PER SYLLABUS
DECEMBER	SECTION D (Species concept) & MID TERM TEST	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
JANUARY	WINTER BREAK				
FEBRUARY	SECTION D(Macro evolution, Extinction)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
MARCH	PRACTICAL EXAMS				

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TEACHING PLAN

Department: Zoology
 Class: BSC 3RD YEAR
 Paper Code: ZOOL 301

Name of Staff: MS. Seema Tyagi
 Paper Title: APPLIED ZOOLOGY DSE(IA)

MONTH	UNIT/SECTION	Scheduled Task	Method of teaching	ASSIGNMENT	PRACTICALS
AUGUST	UNIT 1(Introduction to Host-Parasite relationship)& UNIT 2(Epidemiology of Diseases)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
SEPTEMBER	UNIT 3(Rickettsiae,spirochaetes)& UNIT 4(Parasitic protozoa)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
OCTOBER	UNIT 5(parasitic Helminthes)& UNIT 6(Insect of Economic Importance)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
NOVEMBER	UNIT 7(Insect of Medical Importance)& UNIT 8(Animal Husbandary)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class tests	AS PER SYLLABUS
DECEMBER	UNIT 9(Poultry Farming) & MID TERM TEST	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
JANUARY	WINTER BREAK				
FEBRUARY	UNIT 10(Fish Technology)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papersand routine class tests	AS PER SYLLABUS
MARCH	PRACTICAL EXAMS				

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TEACHING PLAN

Department: Zoology

Name of Staff: MS. Seema Tyagi

Class: BSc 3RD YEAR

Paper Code: ZOOL 302(A)

Paper Title: Insect Vector And Diseases DSE(1B)

MONTH	UNIT/SECTION	Scheduled Task	Method of teaching	ASSIGNMENT	PRACTICALS
AUGUST	UNIT 1(Introduction to Insects)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
SEPTEMBER	UNIT 2(Insects as vectors)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
OCTOBER	UNIT 3(Dipteran as Disease Vectors)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
NOVEMBER	UNIT 4(Siphonaptera as Disease Vectors)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class tests	AS PER SYLLABUS
DECEMBER	UNIT 5(Siphunculata as Disease Vectors) & MID TERM TEST	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
JANUARY	WINTER BREAK				
FEBRUARY	UNIT 6(Hemiptera as Disease Vectors)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
MARCH	PRACTICAL EXAMS				

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TEACHING PLAN

Department: Zoology
Name of Staff: Dr Ritu Pant
Class: BSc 2nd YEAR
Paper Title: Medical Diagnostics
Paper Code: ZOOL 203 TH SEC-I

MONTH	UNIT/SECTION	Scheduled Task	Method of teaching	ASSIGNMENT
AUGUST	UNIT 1& UNIT II (Introduction to Medical Diagnostics, Diagnostics Methods used for Analysis of Blood)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
SEPTEMBER	Cont. UNIT II (Diagnostics Methods used for Analysis of Blood)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
OCTOBER	UNIT III(Diagnostics Methods used for Analysis of Urine)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
NOVEMBER	UNIT IV (Non - infectious Diseases)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class tests
DECEMBER	UNIT V & Mid – Term Exam (Infectious Diseases)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
JANUARY	WINTER BREAK			
FEBRUARY	UNIT VI (Tumours)	ENTIRE TOIPCS	LECTURE METHOD with charts ,ppts	Previous year university. Question papers and routine class tests
MARCH	PRACTICAL EXAMS			

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TEACHING PLAN

Department: Zoology
Name of Staff: Dr Ritu Pant
Class: BSc 2nd YEAR
Paper Title: Apiculture SEC- II
Paper Code: ZOOL 2031TH

MONTH	UNIT/SECTION	Scheduled Task	Method of teaching	ASSIGNMENT
AUGUST	UNIT I(Biology of Bees)	ENTIRE TOPICS	LECTURE METHOD with charts ,ppts	Previous year university. Question papers and routine class tests
SEPTEMBER	UNIT II(Rearing of Bees)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
OCTOBER	Cont. UNIT II (Rearing of Bees)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
NOVEMBER	UNIT III (Disease and Enemies)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class tests
DECEMBER	UNIT I V (Bee Economy)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
JANUARY	WINTER BREAK			
FEBRUARY	UNIT V (Entrepreneurship of Apiculture)	ENTIRE TOIPCS	LECTURE METHOD with charts ,ppts	Previous year university. Question papers and routine class tests
MARCH	PRACTICAL EXAMS			

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TEACHING PLAN

Department: Zoology
Name of Staff: Ms Seema Tyagi
Class: BSc 3rd
Paper Title: SERICULTURE SEC-III
Paper Code: ZOOL 303 TH

MONTH	UNIT/SECTION	Scheduled Task	Method of teaching	ASSIGNMENT
AUGUST	UNIT 1(Introduction)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papersand routine class tests
SEPTEMBER	UNIT 2(Biology of Silk worm)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papersand routine class tests
OCTOBER	UNIT 3(Rearing of Silkworms)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
NOVEMBER	UNIT 4(Pest and Diseases)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class tests
DECEMBER	UNIT4(Pest and Diseases) & MID TERM TEST	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
JANUARY	WINTER BREAK			
FEBRUARY	UNIT 5(Entrepreneurship in sericulture)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
MARCH	PRACTICAL EXAMS			

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TEACHING PLAN

Department: Zoology

Name of Staff: Ms Seema Tyagi

Class: BSc 3rd

Paper Title: AQUARIUM FISH KEEPING SEC- IV

Paper Code: ZOOL 304 TH

MONTH	UNIT/SECTION	Scheduled Task	Method of teaching	ASSIGNMENT
AUGUST	UNIT 1(Introduction to Aquarium Fish keeping)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university . Question papers and routine class tests
SEPTEMBER	UNIT 2(Biology of Aquarium Fishes)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
OCTOBER	UNIT 3(Food and Feeding of Aquarium Fishes)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
NOVEMBER	UNIT 4(Fish Transportation)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class tests
DECEMBER	UNIT 5(Maintenance of Aquarium) & MID TERM TEST	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university Question papers and routine class tests
JANUARY	WINTER BREAK			
FEBRUARY	UNIT 5(Maintenance of Aquarium)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
MARCH	PRACTICAL EXAMS			

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