SGGSJ Govt. College Paonta Sahib TEACHING PLAN

Department: Zoology

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

BSc 1st YEAR

Paper Title: ANIMAL DIVERSITY DSC IA

Paper Code: ZOOL 101

MONTH	UNIT/SECTION				
AUGUST		Schedul d Task	- INCLINE		1
SEPTEMBER	SECTION A (Kingdom prostista, Phylum Porifera Cnidaria) CONTD. Section A(Cnidaria,, Platyhelminthes	TOPICS	teaching LFCTURE METHOD with charts,pp	Previous year university. Question papers and routine class tests	S AS PER SYLLABUS
OCTOBER	,Nemathelminthes)	ENTIRE TOPICS	METHOD with charts,ppt	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
	B(Annelida,Arthropoda,Mollusca,Echinodermat a)	ENTIRE	LECTURE METHOD with charts,ppt s	Previous year university. Question papers and routine class	AS PER SYLLABUS
NOVEMBER	SECTION C(Protochordates, Agnatha, Pisces, Amphibia) SECTION D(Reptilia)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppt s	Previous year university, Question paper sand routine class tests	AS PER SYLLABUS
	& MID TERM TEST WINTER BREAK	ENTIRE TOIPCS	LECTURE METHOD with charts,ppt s	Previous year university. Question papers and routine class tests	AS PER - SYLLABUS
EBRUARYon	SECTION D (Aves, Mammals)	ENTIRE TOIPCS	charts,ppt	Previous year university. Question papers and routine class	AS PER SYLLABUS

TEACHING PLAN

Department: Zoology

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

BSc 1st YFAR

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

Paper Code: ZOOL 102

MONTH	UNIT/SECTION	Scheduled Task	Method of teaching	ASSIGNMEN	T 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
	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	AS PER SYLLABUS
NOVEMBER DECEMBER	SECTION C(Early embryonic Development)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class tests	AS PER SYLLABUS
	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
ANUARY	WINTER BREAK				
	SECTION D(Late embryonic development,control of development)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class	AS PER SYLLABUS
1ARCH	PRACTICAL EXAMS			tests	

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

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TEACHING PLAN

Department: Zoology Name of Staff: Dr Ritu Pant

BSc 2nd YEAR

Paper Title: PHYSIOLOGY AND BIOCHEMISTRY DSC IC

Paper Code: ZOOL 201

UNIT/SECTION	Task		ASSIGNMEN	T PRACTICALS
Muscle, Digestion)	d ENTIRE TOPICS	LECTURE METHOD with	university. Question papers and routine class	AS PER SYLLABUS
Digestion, Respiration	CONTD	CONTD	CONTD	AS PER
SECTION B(Exceration, cardiovascular system,reproduction and endocrine Glands)	ENTIRE	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class	SYLLABUS AS PER SYLLABUS
C(Carbohydrate , lipid metabolism)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class	AS PER SYLLABUS
metabolism) & MID TERM TEST	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
SECTION D(Enzymes)	TOIPCS		university. Question papers and routine class	AS PER SYLLABUS
	SECTION A(Nerve an Muscle, Digestion) CONTD(Digestion, Respiration, SECTION B(Exceration, cardiovascular system, reproduction and endocrine Glands) SECTION C(Carbohydrate, lipid metabolism) SECTION D (Protein metabolism) SECTION TERM TEST WINTER BREAK SECTION D(Enzymes)	SECTION A(Nerve and Muscle, Digestion) CONTD(Digestion, Respiration, SECTION B(Exceration, cardiovascular system, reproduction and endocrine Glands) SECTION C(Carbohydrate, lipid metabolism) SECTION D (Protein metabolism) SECTION D (Protein metabolism) SECTION ENTIRE TOIPCS WINTER BREAK SECTION D(Enzymes) ENTIRE TOIPCS	SECTION A(Nerve and Muscle, Digestion) SECTION A(Nerve and Muscle, Digestion) CONTD CONTD Digestion, Respiration, SECTION SECTION Gardiovascular system, reproduction and endocrine Glands) SECTION C(Carbohydrate, lipid metabolism) SECTION D (Protein metabolism)	SECTION A(Nerve and Muscle, Digestion) R CONTD(Digestion, Respiration, SECTION B(Exceration, cardiovascular system, reproduction and endocrine Glands) SECTION C(Carbohydrate, lipid metabolism) SECTION D (Protein metabo

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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

MONTH	UNIT/SECTION SECTION	Task	Method of teaching	BIOLOGY DSC ID ASSIGNMEN	T PRACTICALS
SEPTEMBE	A(Introduction to Genetics)	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
	Genetics and its extension)	CONTD	CONTD	CONTD	AS PER SYLLABUS
OCTOBER NOVEMBER	SECTION B(Linkage, crossing over, Mutations, Sex determination) SECTION C(History		LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
	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
IANUARY	WINTER BREAK			tests	
FEBRUARY	evolution, Extinction)	ENTIRE	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class	AS PER SYLLABUS
MARCH r. Ritu Pant (A.	PRACTICAL EXAMS			tests	

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TEACHING PLAN

Department: Zoology Class: BSc 3RD YEAR

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

Paper C	ode: ZOOL 301		raper II	tle: APPLIED ZO	OOLOGY DSE(IA
MONTH	UNIT/SECTION	Scheduled	Method o		
AUGUST	UNIT 1(Introduction to Host-Parasite relationship)& UNIT 2(Epidemiology of Diseases)	ENITIDE	LECTURE METHOD with charts,ppts	routine class	
SEPTEMBE	3(Rickettsiae,spirochaetes)& UNIT 4(Parasitic protozoa)	ENTIRE	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	AS PER SYLLABUS
NOVEMBER	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
	UNIT 7(Insect of Medical Importance)& UNIT 8(Animal Husbandary)		LECTURE METHOD with charts,ppts	Previous year university. Question paper sand routine class	AS PER SYLLABUS
ECEMBER	9.	TOIPCS	LECTURE METHOD with	The state of the s	AS PER SYLLABUS

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TOIPCS

charts,ppts

LECTURE

METHOD

charts,ppts

with

seen

papers and routine class

Previous year

university.

Question

papersand routine class

tests

tests

PRACTICAL EXAMS Dr. Ritu Pant (A.P Zoology) PJ Ms. Seema Tyagi(A.PZoology)

WINTER BREAK

UNIT 10(Fish Technology)

JANUARY

FEBRUARY

MARCH

AS PER

SYLLABUS

Dr. MOHAN SINGH CHAUHAN Principal Shree Guru Gobind Singh Ji

Government College Paonta Sahib Dist. Sirmour (H.P.)-173025

TEACHING PLAN

Department: Zoology Class:

Name of Staff: MS. Seema Tyagi

Paper Code: ZOOL 302(A)

Paper Title: Insect Vector And Dise

BSc 3RD YEAR

MONTH	UNIT/SECTION	or And Disea Scheduled Task	Method of	ASSIGNMENT	PRACTICALS
AUGUST	UNIT 1(Introduction to Insects)	ENTIRE TOPICS	teaching LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests	
SEPTEMBER	UNIT 2(Insects as vectors)	TOPICS	LECTURE METHOD with charts,ppts	Previous year	AS PER SYLLABUS
	as Disease Vectors)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Question papers and routine class	AS PER SYLLABUS
NOVEMBER	UNIT 4(Siphonaptera as Disease Vectors)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	rests 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
IANUARY	WINTER BREAK				
EBRUARY	UNIT 6(Hemiptera as Disease Vectors)	ENTIRE TOIPCS		Previous year university. Question papers and routine class tests	AS PER SYLLABUS
1ARCH	PRACTICAL EXAMS			tests	

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SGGSJ Govt. College Paonta Sahib TEACHING PLAN

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

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 MFTHOD with charts,ppts	Previous year university. Question papers and routine class tests
ANUARY	WINTER BREAK			
EBRUARY	UNIT VI (Tumours)	ENTIRE TOIPCS	LECTURE METHOD with , charts ,ppts	Previous year university. Question papers and routine class tests
MARCH	PRACTICAL EXAMS	E.		tests

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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
SEPTEMBER	UNIT 1(Biology of Bees)		LECTURE METHOD with charts ,ppts	Previous year university. Question papers and routine class tests
OCTOBER	UNIT II(Rearing of Bees)	ENTIRE TOPICS	LECTURF METHOD with charts,ppts	Previous year university. Question papers and routine class tests
	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
* * * * * * * * * * * * * * * * * * *	UNIT I V (Bee Economy)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
ANUARY	WINTER BREAK			
EBRUARY	UNIT V (Entrepreneurship of Apiculture)	ENTIRE TOIPCS	LECTURE METHOD with charts ,ppts	Previous year university. Question papers and routine class
MARCH	PRACTICAL EXAMS			tests

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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
SEPTEMBER	UNIT 1(Introduction) UNIT 2(Biology of	ENTIRE TOPICS	LECTURE METHOD with charts,ppts	Previous year university. Question papersand routine class tests
OCTOBER	Silk worm)	ENTIRE	LECTURE METHOD with charts,ppts	Previous year university. Question papersand routine class tests
	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)	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
ANUARY	WINTER BREAK			tests
EBRUARY	UNIT 5(Entrepreneurship in sericulture)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class
				tests

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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	Question papers and routine class testS
	of Aquarium Fishes)	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
ANUARY	UNIT 5(Maintenance of Aquarium) & MID TERM TEST	ENTIRE TOIPCS	METHOD with charts, ppts	Previous year university Question papers and routine class tests
EBRUARY	WINTER BREAK UNIT			
	5(Maintenance of Aquarium)	ENTIRE TOIPCS	LECTURE METHOD with charts,ppts	Previous year university. Question papers and routine class tests
1ARCH	PRACTICAL EXAMS			
	LAAIVIS			

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