

GOVERNMENT COLLEGE BAHADURGARH

LESSON PLAN FOR SESSION 2021-22

Subject Name with code: Zoology, Paper 2.1

Semester:- 2

Teacher Name:- Dr. Monika

MONTH	TOPIC
March	Phylum: Annelia General charaters, classification, diversity, economic importance, type study of earthworm, Student's seminar Metamerism in annelida, trochophore larva.
April	Phylum: Arthropoda General charaters, classification, diversity, economic importance, type study of cockroach Assignment economic imlortance of insects, mouthparts of insects..
May	Phylum: Mollusca General charaters, classification, diversity, economic importance, type study of Pila Student's seminar presentations Torsion and detorsion, respiration and foot.
June	Phylum: Echinodermata and hemichordata General charaters, classification, diversity, economic importance, type study of sea star, Aristotle's lantern, echinoderm larva. students test.

GOVERNMENT COLLEGE BAHADURGARH

LESSON PLAN FOR SESSION 2021-22

Subject Name with code: Zoology, Paper 2.2

Semester:- 2

Teacher Name:- Dr. Shashi Raparia

MONTH	
April	Heredity and variation, allelic interaction
May	Non allelic interaction, linkage, recombination, crossing over, gene mapping. sex determination and mechanism, cytoplasmic inheritance, Kappa particles, shell coiling, milk factor in mice. multiple allelism. Haemophilia, color blindness, eye color in drosophila. Inborn errors of metabolism. student's seminar.
June	Human genetics, Nature and function of genetic material, Applied genetics, finger printing, transgenic animals, mutations.

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LESSON PLAN FOR SESSION 2021-22

Subject Name with code: Zoology, Paper 4.1

Semester:- 4

Teacher Name:- Dr. Monika

MONTH	TOPIC
March	Phylum: Amphibia Origin and evolutionary tree, General characters, classification, diversity, type study of frog Student's seminar Parental care
April	Phylum: Reptilia Origin, evolution, extinct reptiles, General characters, classification, diversity, economic importance, type study of lizard Assignment Poison apparatus, poisonous and non poisonous snakes.
May	Phylum: Aves General characters, classification, diversity, type study of Pigeon Student's seminar presentations Flight adaptations, types of feathers, aerodynamics.
June	Phylum: Mammalia General characters, classification, diversity, type study of rat, Dentition, adaptive radiation, student's test.

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LESSON PLAN FOR SESSION 2021-22

Subject Name with code: Zoology, Paper 4.2

Semester:- 4

Teacher Name:- Dr. Shashi Raparia

MONTH	
April	Respiration, transport of gases, chloride shift, regulation of respiration, excretion, patterns of excretory products, ornithine cycle
May	Urine formation, counter current mechanism, osmoregulation, propagation of nerve impulse, ECG, coagulation of blood, haemopoiesis. student's
June	Endocrinology and reproduction biology, cardiac cycle, cardiac output, composition of blood and urine. Class test and assignment.

GOVERNMENT COLLEGE BAHADURGARH

LESSON PLAN FOR SESSION 2021-22

Subject Name with code: Zoology, Paper 6.1

Semester:- 6

Teacher Name:- Dr. Tarana Negi

MONT	
March	Sugarcane pests, systematic position habits and life cycle nature of damage
April	Cotton pests, systematic position habits and life cycle nature of damage Assignment
May	Wheat,Paddy, stored grains and vegetable pests, systematic position habits and life cycle nature of damage
June	Insect controls: biological chemical IPM

GOVERNMENT COLLEGE BAHADURGARH

LESSON PLAN FOR SESSION 2021-22

Subject Name with code: Zoology, Paper 6.2

Semester:- 6

Teacher Name:- Dr. Tarana Negi

MONT	
March	Aims and scope of developmental biology spermatogenesis, oogenesis.
April	Fertilization, cleavage, blastulation, fate maps Assignment
May	Gastrulation, primary organisers, ferminal layers
June	Extraembryonic membranes, competence regeneration.