

INDIRA GANDHI GOVT COLLEGE PANDARIA, DISTT. KABIRDHAM

ANNUAL TEACHING PLAN (ACADEMIC SESSION 2022-23)

COURSE: UNDER GRADUATION.

CLASS: B.Sc.- I, II, III YEAR

SUBJECT : ZOOLOGY

NAME OF TEACHER: 1. Madhuri Ratna Bhaskar 2. Satyam Kumar Dounde

EXPEC TED MONTH	PAPER AND UNIT	TOPIC DESCRIPTION			Expected class	Tutorial / Remedial classes	Co- curricular activities	Extra curricular activities	Teaching Aids
		B.Sc. I	B.Sc. II	B.Sc. III					
JULY									
AUG	B.Sc.1st P1 UNIT-I P2 UNIT-IV B.Sc.2nd P1 UNIT - I, P2 UNIT - II B.Sc.- 3rd P1 UNIT - I , P2 UNIT - I	The cell, Cell organelles, Nucleus, Fertilization cleavage pattern Parthenogenesis,	Integumentary system, Alimentary canal, Digestive system, & Endocrine gland, biosynthesis and secretions Endoskeleton Ovarian cycle, pregnancy,	Aim and scope of Ecology, major Ecosystem, Population, Community, Population, Genetics, Linkage, Sex Determination Mutation, Human syndrome, Gene interaction	44+44=88	8+8=16	Independa ce Day s program	Cleanines s program	Chalk, Board & Dustar
SEPT	B.Sc.1st P1 UNIT - II P2 UNIT - I B.Sc.2nd P1 UNIT - I,II P2 UNIT- III B.Sc. 3rd P1 UNIT - I,II , P2 UNIT - II	Cell division, Cancer, Immunity, lymphoid organ, Gametogenesis, Fertilization Cleavage pattern Hemi chordata classification	Circulatory system, Urinogenital system Respiratory system Parturition, Lactation. Organic evolution	Air & water pollution, geochemical cycle, Low limiting factor, food chain food web, energy flow, EIA, Conservation of Natural resources, General idea about pH, Transport across cell membrane,	46+46=92	8+8=16	Ozone day, natic hinhi dives competition	Cleanines s program quiz Dustar	Chalk, Board & Dustar
OCTO	B.Sc.1st P1 UNIT - III P2 UNIT - I B.Sc.2nd P1 UNIT - I,II P2 UNIT- III B.Sc. 3rd P1 UNIT - III P2 UNIT - V	Paramecium, Sycon, Balanoglossus Amphioxus, Petromyzon & Myxine	Nervous system, Eye- Ear, Gonads Mutation, Variation, Isolation, evolution of horse	Basic concepts of toxicology, classification, heavy metal toxicity, Active transport, enzyme microscope, pH meter, colorimeter, centrifuge	50+50=100	8+8=16	Gandhi jyvent		Chalk, Board & Dustar
NOV	B.Sc.1st P1 UNIT - III, P2 UNIT - I B.Sc.2nd P1 UNIT - IV P2 UNIT - III B.Sc. 3rd P1 UNIT- III, P2 UNIT- IV	Obelgia, Fasciola, Ascaris Fishes - Scale, Migration, Parental care	Digestion, Physiology of heart, Behaviour concept & pattern	Animal poison, Food poisoning, Chromatography, Electrophoresis	20+20=40	8+8=16	Constituti n day, Our stings ath teachatha sches		Chalk, Board & Dustar

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DEC	B.Sc.1st P1 UNIT-IV, P2 UNIT-II B.Sc.2nd P1 UNIT-IV, P2 UNIT-IV	Fasciola, Ascaris, Pherima, Snake venom, Extinct reptiles	Blood, ECG, cardiac cycle Drugs and behaviour, hormone and behaviour	General & applied microbiology Sewage water, Domestic water, Milk products, Amino acid, Carbohydrates metabolism	44+44=88	8+8=16	National youth day	Human day, sport activity	Chalk, Board & Dustar
JAN	B.Sc.1st P1 UNIT-IV P2 UNIT-III B.Sc.2nd P1 UNIT- IV, P2 UNIT-V	Palaeomone Bird adaptation, glorified reptiles	Respiration, Excretion Aquaculture, Sericulture	Industrial microbiology, lipid metabolism & protein catabolism	48+48=96	8+8=16	Republic day		Chalk, Board & Dustar
FEB	B.Sc.1st P1 UNIT-V P2 UNIT-III B.Sc.2nd P1 UNIT-V, P2 UNIT-V B.Sc.-3rd P1 UNIT-V P2 UNIT-IV	Mollusca- Pila, Mammals comparative & Mammals adaptation	Apiculture, Pisciculture Osmoregulation, Muscle contraction	Pathogenic microbes Pathogenic protozoa, Helminthes, Application of Biotechnology, Gene cloning, rDNA	46+46=96	8+8=16	National science day	poster competition	Chalk, Board & Dustar
MARCH	B.Sc.1st P1 UNIT-V P2 UNIT-V B.Sc.2nd P1 UNIT-V P2 UNIT-V B.Sc.-3rd P1 UNIT-V P2 UNIT-IV	Echinodermata- Star fish, Embryology, Placenta in mammals	Poultry keeping, Pest control Nerve impulse	Nematodes disease & vector insects, Cloned Gene and other tool of biotechnology	42+42=82	8+8=16			Chalk, Board & Dustar

Note: (1) Practical class will be organised according to time table (Batch - A & B)

(2) Remedial and Tutorial class will be organised according to time table (Batch- A + B)

(3) Presentation/ Seminar/ Group discussion also take according as per plan.

(4) Co-curricular activities and Extra curricular activities are also organised as per plan.




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