

Siddhinath Mahavidyalaya

Department of Zoology

Teaching plan of Session 2018-2019

SEM- 3rd Paper- GE-3T & GE-3P

Unit / Module	Teacher	No of lectures	To be completed by
Unit-1 Aquatic Biomes	Pabitra Goswami	08	Tentatively 2 months
Unit-2 Freshwater Biology (Part 1)		10	
Lab-1 Identification of macrophytes in a lake		04	
Lab-2 Identification of phytoplanktons		04	
Unit-2 Freshwater Biology (Part 2)		12	
Lab-3 Identification of zooplanktons		03	
Unit-3 Marine Biology (Part 1)	Pabitra Goswami	08	Tentatively 2 months
Lab-4 Determination the amount of turbidity in water sample		03	
Unit-3 Marine Biology (Part 2)		08	
Lab-5 Determination the amount of dissolved O ₂ & CO ₂ in water sample		05	
Lab-6 Determination the amount of alkalinity of water sample		03	
Unit-4 Management of Aquatic Resources (Part 1)		05	
Lab-7 Instruments used in limnology		06	
Unit-4 Management of Aquatic Resources (Part 2)		05	
Lab-8 Determination the area of a lake using graphimetric and gravimetric method	04		

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SEM- 4th Paper- GE-4T & GE-4P

Unit / Module	Teacher	No of lectures	To be completed by
Unit-1 Introduction	Pabitra Goswami	10	Tentatively 2 months
Unit-2 Climate Change		10	
Lab-1 Determination of pH in water sample		03	
Lab-2 Determination of pH in soil sample		03	
Unit-3 Pollution		12	
Lab-3 Determination of Cl in water sample		03	
Lab-4 Determination of Cl in soil sample	Pabitra Goswami	03	Tentatively 2 months
Unit-4 Waste Management Technologies (Part 1)		12	
Lab-5 Determination of SO ₄ in water sample		03	
Lab-6 Determination of SO ₄ in soil sample		03	
Unit-4 Waste Management Technologies (Part 2)		12	
Lab-7 Determination of NO ₄ in water sample		03	
Lab-8 Determination of NO ₄ in soil sample		03	
Unit-5 Diseases		08	

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SEM- 1st Paper- CC-1T & CC-1P

Unit / Module	Teacher	No of lectures	To be completed by
Unit-1 Kingdom Protista	Pabitra Goswami	08	Tentatively 2 months
Lab-1 Study of specimens (Part 1)		10	
Unit-2 Phylum Porifera		08	
Lab-2 Study of specimens (Part 2)		10	
Unit-3 Phylum Cnidaria		08	
Lab-3 T.S of Sycon		03	
Unit-4 Phylum Platyhelminthes	Pabitra Goswami	08	Tentatively 3 months
Lab-4 L.S of Sycon		03	
Unit-5 Phylum Nemathelminthes		08	
Lab-5 Study of stages of Taenia		05	
Lab-6 T.S of male & female Ascaris		04	
Unit-6 Phylum Annelida		08	
Unit-7 Phylum Arthropoda		08	
Unit-8 Phylum Mollusca		06	
Unit-9 Phylum Echinodermata		08	
Unit-10 Protochordates		06	
Lab-7 Key for identification of poisonous and non-poisonous snakes		05	
Unit-11 Agnatha		04	
Unit-12 Pisces		06	
Unit-13 Amphibia		07	
Unit-14 Reptiles		10	
Unit-15 Aves		08	
Unit-16 Mammals	08		

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SEM- 2nd Paper- CC-2T & CC-2P

Unit / Module	Teacher	No of lectures	To be completed by
Unit-1 Integumentary System	Pabitra Goswami	08	Tentatively 2 months
Lab-1 Osteology (Part 1)		03	
Unit-2 Skeletal System		08	
Lab-2 Osteology (Part 2)		03	
Unit-3 Digestive System		08	
Lab-3 Osteology (Part 3)		03	
Unit-4 Respiratory System	Pabitra Goswami	08	Tentatively 3 months
Lab-4 Study of developmental stages of Frog		06	
Unit-5 Circulatory System		08	
Lab-5 Study of different types of placenta		06	
Lab-6 Study of placental development in humans by ultrasound scans		06	
Unit-6 Urinogenital System		08	
Unit-7 Nervous System		08	
Unit-8 Sense Organs		08	
Unit-9 Early Embryonic Development (Part 1)		10	
Unit-9 Early Embryonic Development (Part 2)		10	
Lab-7 Examination of Gametes of Frog		05	
Unit-10 Late Embryonic Development	10		
Lab-8 Examination of Gametes of Rat	06		
Unit-11 Control of Development	12		