

ANNUAL ACADEMIC PLAN – 2021 – 22

ZOOLOGY – I

FIRST YEAR

S. No.	TOPIC	
	UNIT – I Diversity of Living World	
	1.1 What is Life?	
	1.2 Nature, Scope and Meaning of Zoology	
	1.3 Branches of Zoology	
	1.4 Need for Classification	
	1.5 Biological Classification	
	1.6 Levels and Hierarchy of Classification	
	1.7 Nomenclature	
	1.8 Species Concept	
	1.9 Kingdom: Animalia	
	1.10 Biodiversity	
	UNIT – II Structural Organisation in Animals	
	2.1 Levels of Organisation	
	2.2 Importance of Symmetry	
	2.3 Coelom	
	2.4 Animal Tissues	
	UNIT - III Animal Diversity – I (Invertebrate Phyla)	
	3.1 Phylum – Porifera	
	3.2 Phylum – Cnidaria	
	3.3 Phylum – Ctenophora	
	3.4 Phylum – Platyhelminthes	
	3.5 phylum – nematode	
	3.6 phylum – Annelida	
	3.7 Phylum – Arthropoda	
	3.8 Phylum – Mollusca	
	3.9 phylum – Echinodermata	
	3.10 Phylum – Hemichordata	
	UNIT – IV Animal Diversity – II (Chordata Phylum)	
	4.0 Phylum-Chordata	
	4.1 Subphylum- Urochordata or Tunicata	
	4.2 Subphylum-Cephalochordata	
	4.3 Subphylum-Vertebrata/Craniata	
	4.4 Super Class: Agnatha	
	4.5 Super Class : Gnathostomata	
	4.5 Terapoda	
	UNIT – V Locomotion and Reproduction	

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| <p>5.1 Locomotion in Protozoa</p> <p>5.2 Flagellar and Ciliary movement</p> <p>5.3 Asexual Reproduction</p> <p>5.4 Sexual Reproduction</p> <p>UNIT – VI Biology in Human Welfare</p> <p>6.1 Parasitism and parasitic adaptations</p> <p>6.2 Health and Disease</p> <p>6.3 Brief Account of some other Diseases</p> <p>6.4 Tobacco, Drugs and Alcohol abuse (TDA Abuse)</p> <p>UNIT – VII Periplaneta Americana (Cockroach)</p> <p>7.1 Habitat and Habits</p> <p>7.2 External Features (Morphology)</p> <p>7.3 Locomotion</p> <p>7.4 Digestive system</p> <p>7.5 Circulatory System</p> <p>7.6 Respiratory System</p> <p>7.7 Excretory System</p> <p>7.8 Nervous System and Sense organs</p> <p>7.9 Reproductive System</p> <p>UNIT – VIII Ecology and Environment</p> <p>8.1 Organisms and Environment</p> <p>8.2 Ecosystem – Elementary Aspects</p> <p>8.3 Population Interactions</p> <p>8.4 Ecosystems and Their Components</p> <p>8.5 Food Chains, Food Web , Productivity and Energy Flo</p> <p>8.6 Nutrient Cycles</p> <p>8.7 Population</p> <p>8.8 Environmental Issues</p> | |
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