

PRACTICAL SYLLABUS for I – YEAR ZOOLOGY

(w.e.f. 2012-13)

I.	Study of Parts of a Compound microscope
II.	Study of Invertebrate slides and identification with giving Classification and reasons
1. INVERTEBRATE SLIDES	
	1. Amoeba (Whole mount)
	2. Euglena (Whole mount)
	3. Paramecium (Whole mount)
	4. Hydra (Whole mount)
	5. Liver Fluke (Whole mount)
2. HISTOLOGICAL SLIDES	
	1. Squamous Epithelium
	2. Columnar Epithelium
	3. T.S. of Cartilage
	4. T.S. of Bone
	5. Blood Smear of Mammals
	6. Striated Muscles
	7. Unstriated Muscles
III.	Study of Invertebrate Specimens and identification with giving Classification and reasons
2. INVERTEBRATE SPECIMENS	
	1. Euspongia
	2. Aurelia
	3. Metridium
	4. Taenia solium
	5. Ascaris – Male

	6. Ascaris – Female
	7. Nereis
	8. Leech
	9. Earth worm
	10. Scolopendra
	11. Julus
	12. Palaemon
	13. Araenia
	14. Palamneus
	15. Unio
	16. Silk moth/ Silk Worm
	17. Honey Bee
	18. Pila
	19. Asterias
IV.	DISSECTIONS Note: No Dissection of live animals. The student has to draw the diagram of the system that is displayed or projected.
	1. Earthworm – Digestive System
	2. Earthworm – Nervous System
	3. Earthworm – Sperm thecae
	4. Cockroach – Mouth Parts
	5. Cockroach – Digestive System
	6. Cockroach – Nervous System