

**ACADEMIC YEAR 2020-2021**

**70% CONTENT IN VIEW OF COVID-19 PANDEMIC**

**INTERMEDIATE 1<sup>st</sup> YEAR ZOOLOGY PRACTICAL SYLLABUS**

<b>I.</b>	<b>Study of Parts of a Compound microscope</b>
<b>II.</b>	<b>Study of Invertebrate slides and identification with giving Classification and reasons</b>
<b>1. INVERTEBRATE SLIDES</b>	
	1. Amoeba (Whole mount)
	2. Euglena (Whole mount)
	3. Paramecium (Whole mount)
	4. Hydra (Whole mount)
	5. Liver Fluke (Whole mount)
	<b>2. HISTOLOGICAL SLIDES</b>
	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
<b>III.</b>	<b>Study of Invertebrate Specimens and identification with giving Classification and reasons</b>
<b>2. INVERTEBRATE SPECIMENS</b>	
	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
<b>IV.</b>	<b>DISSECTIONS</b> 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