

SARDAR PATEL UNIVERSITY
Programme: BSC (ZOOLOGY)
Semester: V
Syllabus with effect from: June 2013

Paper Code: US05CZOO07	Total Credit: 2
Title Of Paper: Invertebrata and Ecology	

	Description in detail	Weighting (%)
	Classification up to order	
1	Protozoa: Entamoeba, Diffugia, Foramenifera, Actinospherium, Rediolaria, Monocystis, stentor, Balantidium	
2	Porifera: leucosolenia, euspongea, chalina, gemmules, spicules,	
3	Coelentrata: plumularia, porpita, lucernaria, alcyonium, corelium, vergularia, medrepora.	
4	Platyhelminthes: schistosoma, Echinococcus,	
5	Nematoda: oxyuris, trichuris.	
6	Annelida: sabella, heteronereis, serpula, bonelia	
7	Arthropoda: Branchipus, cypris, argulus, mysis, gammarus, squeilla, centipede, locust, belostoma.	
8	Mollusca: patella, cypraea, dories, snail, slug, mytilus, pecten, terido, loligo.	
9	Echinodermata: starfish pedicellaria, bipinaria, branchiolaria, ophiopluteus, Echinopluteus, auricularia,	
10	Hemichordata: ptychodera.	
11	Dissection: grass hopper,	
12	Dissection: vegenulus,	
13	Dissection: Ascaris	
14	Dissection: mouth parts of insects [housefly, mosquito, moth]	
15	To study community by quadrat method.	
16	Soil and water analysis	
17	To study abiotic components. [P ^H , turbidity, Temperature and light intensity]	

Basic Text & Reference Books:

- Practical zoology invertebrate: P S Verma.
- Practical zoology invertebrate: S S Lal.

