

SARDAR PATEL UNIVERSITY
Programme: BSC (ZOOLOGY)
Semester: IV
Syllabus with effect from: November 2012

Paper Code: US04CZOO03	Total Credit: 3
Title Of Paper: Zoology Practical	

Unit	Description in detail	Weighting (%)
1	Dissection: Leech: External Characters and Digestive System, Reproductive System, Nervous System. Mountings: Salivary Gland, Jaws, Testicular Nephridia.	
2	Prawn: External Characters and Digestive System, Reproductive System, Nervous System. Mountings: Appendages,	
3	Pila: External Characters and Digestive System, Nervous System.	
4	Mountings: Redula, Statocyst, Osphradium.	
5	Calotes: External Characters and Digestive System, Reproductive System, brain	
6	Mountings: Muscle Fibre, Nerve Fibre. Mouth Parts of Insects.	
7	Classification: Annelida: Aphrodite, Chetopterus, Terebella, Arenicola, Earthworm, Leech.	
8	Arthropoda: Peripatus, Cyclops, Lepas, Daphnia, Prawn, Crab, Silverfish, Mantis, Dragonfly, Beetele Termite, Limulus, Scorpion, Spider.	
9	Mollusca: Chiton, Murex, Aplysia, Dentalium, Pearloyster, Nautilus, Sepia, Octopus.	
10	Echinoderm: Seastar, Brittle Star, Feather Star, Sea Urchin, Sea Cucumber	
11	Hemichordata: Balano Glossus.	
12	Reptilia: Tortoise, Turtle, Draco, Phrynosoma, Chemelion, Varanus, Cobra, Alligator.	
13	Aves: Kite, Pigeon, Cuckoo, Parrot, Woodpecker, Kingfisher.	
14	Mammals: Hedgehog, Shrew, Rat, Bat, Loris, Porcupine.	
15	Study of Life Cycle of Honey Bee, Lac Insect, Silk Insect.	
16	Antigen - Antibody Reaction. (Widal)	
17	Study of Endangered Species of Gujarat.	
18	Submission .	
19	Study Tour.	

Basic Text & Reference Books: -----

