

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

Paper Code: US05CZOO01	Total Credit: 3
Title Of Paper: Invertebrata	

Unit	Description in detail	Weighting (%)
1	History of Animal Taxonomy Types of Classification Taxonomic Hierarchy Binomial nomenclature Modern trends in animal taxonomy: <ul style="list-style-type: none"> • Taxonomy, Systematic & Biosystematics Neo taxonomy, Electron microscopy in taxonomy Nutrition in Protozoa Type: Paramoecium	
2	Origin of metazoan Skeleton in Sponges Reproduction in Porifera Polymorphism in coelenterate Coral and coral reefs Type: sea anemone	
3	Type: Ascaris Metamerism in annelids Coelomoducts and nephridia in annelids Trochophore larva and its significance Type: scorpion	
4	Zoological importance of peripatus and limulus Larvae of crustaceans Torsion in gastropoda Type : sepia, Starfish	

Basic Text & Reference Books:

- Zoology phylum series [protozoa to echinodermata] by R L Kotpal
- Invertebrate zoology by R L Kotpal
- Invertebrate zoology by Dhama and Dhama and E. L .Jorden and verma

