

**SARDAR PATEL UNIVERSITY**  
**Programme: BSC (ZOOLOGY)**  
**Semester: VI**  
**Syllabus with effect from: November 2013**

<b>Paper Code:</b> US06CZOO01	<b>Total Credit: 3</b>
<b>Title Of Paper:</b> Vertebrata	

Unit	Description in detail	Weighting (%)
<b>1</b>	Introduction and significance of protochordates. Comparison of prochordate sub phyla. Type: amphioxus origin class: Pisces swim bladder and accessory respiratory organs Types of fins.	
<b>2</b>	Type: scoliodon. Adaptive radiation, origin class: Amphibia Neoteny & Paedogenesis Type: Uromastix.	
<b>3</b>	Adaptive radiation, origin of class: Reptile Dinosaurs Birds as glorified reptiles. Origin of Birds Types of beaks & feet Type: pigeon Flight less birds.	
<b>4</b>	Origin and evolution of mammals. Oviparous and aquatic mammals Type: rat.	

**Basic Text & Reference Books:**

- Vertebrate zoology by R L Kotpal
- Chordate zoology by Dhama and Dhama
- Chordate zoology E. L .Jhorden and verma

