

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

<b>Paper Code:</b> US06CZOO07	<b>Total Credit: 2</b>
<b>Title Of Paper:</b> Vertebrata	

	<b>Description in detail</b>	<b>Weighting (%)</b>
<b>1</b>	Protochordata : Oikopluera, Botryllus, Amphioxus, T.S. of amphioxus through oral hood, pharynx, intestine, testes, ovary.	
<b>2</b>	Cyclostomata: ammocete larva.	
<b>3</b>	Pisces: hammer headed shark, eagle ray, pristis, chimaera, catla, clarius, belone, hemiramphus, pterois, syngnaphus, diodon,	
<b>4</b>	Amphibian: ambystoma, amphiuma, triton, proteus, necturus, siren, pipa, hyla, toad[bufo],rhacophorus.	
<b>5</b>	Reptilia: gecko, mabuia, eryx, krait, sea snake, rat snake, Russell viper, rattle snake,	
<b>6</b>	Aves: flamingo, , vulture, peacock, saras crane, owl, sparrow,	
<b>7</b>	Mammalia:, duckbill platypus, kangaroo, flying fox, ant eater, squirrel, mongoose,	
<b>8</b>	<b>Dissection:</b> [through chart or simulation]	
<b>9</b>	Shark- digestive, urinogenital, nervous, circulatory system.	
<b>10</b>	Mountings- placoid scales, ampulla of lorenzini, internal ear.	
<b>11</b>	Rat digestive ,urino genital, nervous system, circulatory system.	
<b>12</b>	Mountings- muscle, nerve,	

**Basic Text & Reference Books:**

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

