

**BACHELOR OF SCIENCE in ZOOLOGY (HONS)**  
**SEMESTER – III**

**Paper Code: ZOO-303P**

25 marks

ZOO-303P: Practicals on Functional Anatomy of Chordata

Dissections 6 marks

Scoliodon-afferent and efferent branchial vessels; V, VII, IX and X cranial nerve; internal ear and brain (to be taken out) Frog or toad-V, VII and X cranial nerves  
Calotes-arterial, venous and urino-genital systems.

Study of specimens 6 marks

Amphioxus, Balanoglossus, Ascidian, Petromyzon, Myxine, Electric ray, Sea horse, Saw fish, Sucker fish, Hammer headed shark, Salamander, Hyla, Hemidactylus, Mabuia, Varanus, Turtle, Tortoise, Chameleon, Draco, Cobra, Viper, Sea-snake, Krait, Parrot, Cuckoo, Kite, Myna, Flying fox, Duck-billed Platypus, Echidna.

Study of bones: 5 marks

Toad or Frog: Skull, lower jaw, pectoral and pelvic girdles, vertebrae. Calotes: Skull, lower jaw, pectoral and pelvic girdles, atlas and axis. Pigeon: Lower jaw, cervical vertebrae, rib, pectoral and pelvic girdles and pygostyle. Rabbit: Skull, lower jaw, pectoral and pelvic girdles.

Practical Record 3 marks

Viva-Voce 5 marks

\*\*\*\*\*