

M.Sc. - ZOOLOGY SEMESTER -III EXAMINATION, December -2016

Paper-09 (Comparative Anatomy) Paper code: 3694

Time: -2:30 Hours

Total Marks:-70

Instructions: (1) All Questions carries equal marks.

(2) Draw labeled diagram where necessary.

Q: 01 Write comparative account of liver and pancreas. **14**

OR

Q: 01 Explain sympathetic and parasympathetic nervous system. **14**

Q: 02 Write note on: (a) Functions of Integuments. **07**

(b) Types of vertebrae in animals. **07**

OR

Q: 02 What are Integuments? Explain types of horns and digital cornification in animal. **14**

Q: 03 Write a short note on: (a) External Gills with diagram. **07**

(b) Comparative accounts of Ear. **07**

OR

Q: 03. Write comparative account of Eyes. **14**

Q: 04 write note on: (a) Aortic arc of Reptiles, Aves and Mammals. **07**

(b) Nephron of Fish and Mammals. **07**

OR

Q: 04 Explain: Development and evolution of heart. **14**

Q: 05 Explain comparative account of ovary. **14**

OR

Q: 05 Explain general characteristics of phylum Endoprocta, Bryozoa and Phoronida with examples. **14**