



# उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

M.Sc. 1<sup>st</sup> YEAR ASSIGNMENT

Last date of Submission: 31/07/2015

(जमा करने की अन्तिम तिथि: 31/07/2015.)

Course Title: Animal Diversity and Ecology

Year: 2014-15

सत्र- 2014.15

Course Code: ZO-501

Maximum Marks: 40

अधिकतमअंक- 40

Section 'A' contains 08 short answer type questions of 5 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

Briefly discuss the following:

- 1- Explain the Animal Diversity in different zone of fresh water.
- 2- Explain the different stage of Larval forms in Echinoderms?
- 3- Give difference between morphological and phenetic taxonomy.
- 4- Photoreception in Vertebrates.
- 5- Explain the status of Biodiversity in India.
- 6- Structure and Function of neurons.
- 7- Circulatory system in Arthropods.
- 8- Give the general characteristic of Protozoa with suitable examples.

**Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answers 02 questions only.**

- 1- Give the comparative account of integument in different chordates.
- 2- Give the brief account of major Geographical Biomes and diversity
- 3- Give the classification of Animal, based on the type of coelome with suitable diagram
- 4- Describes the Excretory organs of Annelid with diagram.

