



M.SC ZOOLOGY THIRD SEM

CHORDATA

Last date of Submission-06/11/2016

Instruction

- 1) Write the responses to the assignment in your own handwriting.
- 2) Submit the responses to your HOD within the due date.
- 3) Write your name, program and Enrollment number clearly at the top of the page.

ASSIGNMENT – 1

- Q1A. Write an essay on origin & evolution of chordata?
- Q1B. General and comparative account of integumentary system, explain in brief?
- Q2A Give an account of vertebrate ancestry introduction and evolution of vertebrates?
- Q2B Discuss the general character of Amphibia?

ASSIGNMENT – 2

- Q1A. Give an account of digestive system and the mechanism of feeding in Herdmania?
- Q1B Discuss affinities character and distribution of Dipnoi?
- Q2A Classify modern Amphibia diving distinguishing feature and example of each other?
- Q2B Write an essay on poisonous snake of India?



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DEVELOPMENT BIOLOGY

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ASSIGNMENT – 1

Q1A. Describe basic concepts of development, potency and commitment?

Q1B. Discuss the spermatogenesis and oogenesis?

Q2 A. Describe the study of early development? And cleavage, blastula explain in brief?

Q2B. Explain, process of gastrulation and invagination?

ASSIGNMENT – 1

Q1A. Describe, Parthenogenesis?

Q1B Discuss, abnormal development?

Q2A Explain metamorphosis?

Q2B Explain, neoplasia?



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ENVIRONMENTAL BIOLOGY**

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ASSIGNMENT – 1

Q1A. Give an brief account physical and biotic, abiotic environment?

Q1B. Define, concepts of habitat and niche? What is fundamental and realized niche?

Q2A Write an essay on biogeography?

Q2B Discuss the biogeographical zone of India?

ASSIGNMENT – 2

Q1A. Define, Applied Ecology?

Q1B. Define, Conservation Biology?

Q2A Write an essay on Species Interaction?

Q2B Discuss the Ecology Succession?



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ANIMAL BEHAVIOUR

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ASSIGNMENT – 1

Q1A. Discuss the stereotyped behavior taxes, reflex, instinct, and motivation?

Q1B. Give an account of individual behavioral patterns – conflict behaviour?

Q2 A. Explain, learning and memory behaviour?

Q2B. Describe the study of communication and message and their meaning?

ASSIGNMENT – 1

Q1A. Discuss the biological rhythms?

Q1B Give an account of neural and hormonal control of behaviour?

Q2A Explain, social behaviour?

Q2B Describe the study of environmental perception?