



**M.SC ZOOLOGY FIRST SEM
ECONOMIC ZOOLOGY AND TAXONOMY**

Last date of Submission-11/09/2017

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. Give an account of principle of zoological classification.

Q1B. Describe the science of taxonomy.

Q2A. Define, concept of species. Give brief account of different concepts and intraspecific categories.

Q2B. Give brief account of behavioral taxonomy.

ASSIGNMENT – 2

Q1A. Draw a neat and fully labelled diagram to show the external and internal anatomy of Protozoa and explain.

Q1B. Describe the modern trends of taxonomy.

Q2 A. Define, principles and application of zoological nomenclature.

Q2B. Define, wool industries.



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EVOLUTIONARY BIOLOGY

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ASSIGNMENT – 1

Q1A. Discuss the emergence of organic thoughts.

Q1B. Describe in brief, the contribution of Stanley miller and Louis pastuer.

Q2 A. Discuss the abiotic and biotic Evolution.

Q2B. Describe the theories of organic evolution.

ASSIGNMENT – 2

Q1A. Discuss the Gene duplication and divergence.

Q1B Describe the Evidence of evolution.

Q2A Discuss the evolution of horse.

Q2B Describe the sexual selection.



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ENVIRONMENTAL BIOLOGY

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ASSIGNMENT – 1

Q1A. Give a brief account of fundamental and realized niche.

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

Q2 A. Write an essay on population regulation.

Q2B. Discuss the biogeographical zone of India.

ASSIGNMENT – 2

Q1A. Define, Applied Ecology.

Q1B. Define, Conservation /management.

Q2A Write an essay on Species Interaction.

Q2B Discuss the project tiger.



M.SC ZOOLOGY FIRST SEM

CELL & MOLECULAR BIOLOGY

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ASSIGNMENT – 1

Q1A. Describe the organization of lipid & protein and function of plasma membrane.

Q1B. Give an account of model on the fine structure of membrane including detailed fluid mosaic model.

Q2 A. Explain Cdks.

Q2B. Discuss the Cytoskeleton.

ASSIGNMENT – 2

Q1A. Draw a neat and fully labelled diagram to show the internal anatomy of cell organelles. And explain its internal structure.

Q1B. Describe the prokaryotic and eukaryotic genome.

Q2A Describe the cell communication.

Q2B Describe the competence and secondary inducing in development.



M.SC ZOOLOGY FIRST SEM

Computer Fundamentals and C Programming (MCA-112)

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ASSIGNMENT – 1

Q1A. As you know that computer is an electronic machine. So, draw the block diagram of Computer. Also explain each component of it.

Q1B Define Primary & Secondary Memory.

Q2A What do you mean by operating system? Explain in brief..

Q2B Define the terms

- (I) Software
- (II) Hardware
- (III) Algorithm

