



M.SC ZOOLOGY THIRD SEM

MAMMALIAN PHYSIOLOGY (MZ – 211)

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. Describe the basic concepts of blood and circulation.

Q1B. Discuss the cardiovascular system.

Q2 A. Describe the study of ECG.

Q2B. Explain, nervous system.

ASSIGNMENT – 1

Q1A. Describe in brief, thermoregulation.

Q1B. Discuss the comparative physiology of excretion.

Q2 A. Describe the study of digestive system.

Q2B. Explain, basic mechanism of hormone action.



M.SC ZOOLOGY THIRD SEM

DEVELOPMENT BIOLOGY (MZ – 212)

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. Describe basic concepts of development and development theory.

Q1B. Discuss the parthenogenesis.

Q2 A. Describe the study of early development.

Q2B. Explain, accessory processes of gastrulation.

ASSIGNMENT – 2

Q1A. Describe, Aging.

Q1B. Discuss, abnormal development.

Q2A. Explain loss of homeostatic control and growth.

Q2B. Explain, neoplasia?



M.SC ZOOLOGY THIRD SEM

BIOCHEMISTRY (MZ – 213)

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. Describe the composition, structure and function of biomolecule.

Q1B. Discuss the stabilizing interactions.

Q2 A. Describe the principle of biophysical chemistry.

Q2B. Explain, conformation of nucleic acid.

ASSIGNMENT –2

Q1A. Describe in brief, metabolism of carbohydrate.

Q1B. Discuss the metabolism of amino acid.

Q2 A. Describe in brief, metabolism of lipids.

Q2B. Explain, the enzyme regulation.



M.SC ZOOLOGY THIRD SEM

MORPHOLOGY AND PHYSIOLOGY OF FISHES (MZ – 214)

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 morphology features of fresh and marine water fishes.
- Q1B. Describe the alimentary canal of fishes and explain its mode of feeding and digestion.
- Q2A. Describe habit and habitat, distribution and external features of fresh water fishes
- Q2B. Give an account of respiration system and the mechanism of respiration system in fishes.

ASSIGNMENT – 2

- Q1A. Describe the endocrine glands in fishes.
- Q1B. Give an account of poisonous fishes.
- Q2A. Give an illustrated account of the pharmacology & toxicology of fish venoms.
- Q2B. Describe the adaptations in fishes.



M.SC ZOOLOGY THIRD SEM

APPLIED FISHERIES (MZ – 215)

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 fish breeding & hatchery.

Q1B. Describe the treatment of common disease of cultivable fishes.

Q2A. Describe the fish processing technology.

Q2B. Give an account of rigor mortis in fishes.

ASSIGNMENT – 2

Q1A. Describe the fish genetics & biotechnology.

Q1B. Give an account of ornamental fishes.

Q2A. Give an illustrated account of the fish transport & marketing.

Q2B. Describe the fishery education & management.