

(DZOO01)

ASSIGNMENT-1

M.Sc. (Previous) DEGREE EXAMINATION, DEC. – 2017

First Year

ZOOLOGY

Systematics and Anatomy of Invertebrates

MAXIMUM MARKS:30

Answer ALL Questions

Q1) Describe various types of reproductive processes in Protozoa.

Q2) Write short notes on

- i) General Organization of porifera
- ii) Sponges

Q3) Give an account on parasitic adaptations in platy helminthes.

Q4) Write short notes on

- i) Anthozoa
- ii) Polymorphism

Q5) Describe the evolutionary significance of trochophore larva.

(DZOO01)

ASSIGNMENT-2
M.Sc. (Previous) DEGREE EXAMINATION, DEC. – 2017

First Year

ZOOLOGY

Systematics and Anatomy of Invertebrates

MAXIMUM MARKS:30

Answer ALL Questions

Q1) Write short notes on

- i) Polychaeta
- ii) Crustacea

Q2) Describe the general organization of mollusca.

Q3) Write short notes on

- i) Holothuroidea
- ii) Sea urchin

Q4) Describe the general organization of chaetognatha.

Q5) Write short notes on

- i) Sipuncula
- ii) Rotifera



(DZOO02)

ASSIGNMENT-1

M.Sc. (Previous) DEGREE EXAMINATION, DEC. – 2017

First Year

ZOOLOGY

Systematics & Anatomy of Chordates & Gamete Biology

MAXIMUM MARKS:30

Answer ALL Questions

- Q1)** Give an account on Urochordata.
- Q2)** Write short notes on
- i) General characters of chordates
 - ii) Specierlized characters of Proto chordates
- Q3)** Write an essay on the migration of fishes
- Q4)** Write short notes on
- i) Characters of amphibia
 - ii) Non – Poisonous snakes
- Q5)** Give an account on the adaptation of birds to flight.

(DZOO02)

ASSIGNMENT-2

M.Sc. (Previous) DEGREE EXAMINATION, DEC. – 2017

First Year

ZOOLOGY

Systematics & Anatomy of Chordates & Gamete Biology

MAXIMUM MARKS:30

Answer ALL Questions

- Q1)** Write short notes on
- i) Flight less birds
 - ii) Feathers in birds
- Q2)** Give an account on general characters of mammals
- Q3)** Write short notes on
- i) Adaptive radiation in Mammals
 - ii) Aquatic mammals
- Q4)** Give an account on parental care in fishes
- Q5)** Write short notes on
- i) Patterns of cleavage
 - ii) Marsupials



(DZOO03)

ASSIGNMENT-1

M.Sc. (Previous) DEGREE EXAMINATION, DEC. – 2017

First Year

ZOOLOGY

Cell Biology, Genetics and Evolution

MAXIMUM MARKS:30

Answer ALL Questions

Q1) Give an account on the structure of Endoplasmic reticulum

Q2) Write short notes on

- i) Cell membrane
- ii) Golgi complex

Q3) Write an essay on the protein synthesis

Q4) Write short notes on

- i) m - RNA
- ii) DNA

Q5) Give a detailed account on abnormalities of the chromosomes.

(DZOO03)

ASSIGNMENT-2

M.Sc. (Previous) DEGREE EXAMINATION, DEC. – 2017

First Year

ZOOLOGY

Cell Biology, Genetics and Evolution

MAXIMUM MARKS:30

Answer ALL Questions

Q1) Write short notes on

- i) Mitosis
- ii) Giant chromosomes

Q2) Give an account on Sex linked inheritance

Q3) Write short notes on

- i) Mendelian laws
- ii) Interaction of genes

Q4) Give an account on species concept.

Q5) Write short notes on

- i) Isolation
- ii) Hardyweinberg law



(DZOO04)

ASSIGNMENT-1
M.Sc. (Previous) DEGREE EXAMINATION, DEC. – 2017

First Year

ZOOLOGY

Animal Ecology and Wildlife

MAXIMUM MARKS: 30

Answer ALL Questions

- Q1)** Describe thermal stratification of natural water bodies.
- Q2)** Write short notes on
- i) Feed back loop
 - ii) Ecosystem
- Q3)** Describe the anthropogenic stress and toxic waste as limiting factor.
- Q4)** Write short notes on
- i) Food chain
 - ii) Shelford's law of tolerance
- Q5)** Give an account on inter specific competition and coexistence.

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ASSIGNMENT-2
M.Sc. (Previous) DEGREE EXAMINATION, DEC. – 2017

First Year

ZOOLOGY

Animal Ecology and Wildlife

MAXIMUM MARKS: 30

Answer ALL Questions

Q1) Write short notes on

- i) Ecological niche
- ii) Predation

Q2) Describe the properties of the population group

Q3) Write short notes on

- i) Population control
- ii) r - selection

Q4) Give an account on IUCN classification of rare animals.

Q5) Write short notes on

- i) Hot spots
- ii) Threatened species

