

SSR DEGREE COLLEGE (AUTONOMOUS)
SEMESTER-I
Unit Wise Important Questions
ZOOLOGY

1st year, Sem-1

Unit-1 Invertebrates protozoa to platyhelminthes

Shorts:

1. Symmetry
2. Coral reef formation
3. Regeneration in protozoa
4. Locomotion in protozoa
5. Evolutionary significance of sponges

Longs:

1. Triploblastic and diploblastic
2. Canal system in sponges
3. Cnidaria general characteristics and classification
4. Polymorphism in hydrozoa and siphonophore
5. Helminthes general characteristics

Unit- 2 invertebrates Annelida to hemichordata

Shorts:

1. Coelom and coelomocytes
2. Vision in Arthropoda
3. Economic importance of Mollusca
4. Affinities of hemichordate
5. Pearl formation

Longs:

1. Metamerism
2. Metamorphosis in insects
3. Torsion and detorsion in gastropods
4. Larval forms of Echinodermata
5. Water vascular system in starfish

Unit 3 vertebrates protochordates to Amphibians

Shorts:

1. General characteristics of Urochordata and cephalochordate
2. Parental care in fish
3. Retrogressive metamorphosis in Urochordata
4. Parental care in amphibians
5. Affinities of cyclostomes
6. Adaptive features in early tetrapod's

Longs:

1. Evolutionary significance of cyclostomes and their affinities
2. Migration and osmoregulation in migratory fishes
3. Neotony and paedogenesis
4. Evolutionary trends in early vertebrates
5. General characteristics and classification of pisces

Unit -4 vertebrates Reptilia to mammalia**Shorts:**

1. Evolutionary significance of birds
2. Conservation strategies for endangered species
3. General characteristics of Mammalia
4. Dentition and aquatic adaptations in mammals
5. Origin of amniotes and evolutionary significance

Longs:

1. Origin of mammals
2. Primates' evolution and human ancestry
3. Biting mechanism in snakes and temporal fossa in reptiles
4. Flight adaptations and migration in birds.