

**SWAMI VIVEKANANDA DEGREE &
PGCOLLEGE**
(Affiliated to Palamuru University)

Subject – Zoology

UNIT – 1

Long Questions:

1. Retrogressive metamorphosis – Herdmania.
2. General Characters of Cyclostomes and petromyxon and myxin.
3. General characters of Chordata.
4. Respiratory system in scoleodon.
5. Structure and functions of heart in Dog Fish.
6. Structure and functions of brain in Dog Fish.

Short Questions :

1. General characters and affinities of cephalochordate.
2. General characters of Urochordata.
3. Fins in fishes.
4. Condriichthyes and dipeniu fishes.
5. Anpulla of larynginii.
6. Scales in Fishes.

UNIT – 2

Long Questions:

1. Structure and function of heart in frog (calotes)
2. Respiratory system in Rana
3. Structure of brain of frog / calotes.
4. Parental care in Amphibia.

Short Questions :

1. Jacobson's Organs.
2. Temporal fossils.
3. Neoteny.
4. Crocodilia.
5. Respiratory organs in calotes.
6. Rhincocephalia.
7. Chilonia.

UNIT – 3

Long Questions:

1. Digestive system of Rabbit.
2. Double respiration in Rabbit.
3. Structure and function of blood in mammals.
4. Structure and mammal and aquatic adaption in mammals.

Short Questions :

1. Prototheria / Metatheria.
2. Migration in birds.
3. Flying adaption in birds.
4. T.S of spinal cord.
5. Syrinx in pigeon.

UNIT – 4

Long Questions:

1. Development in Frog.
2. Embryonic membranes and their importance.
3. Ganetogenesis – Spermatogenesis and Oogenesis.
4. Types of eggs and types of cleavages.

Short Questions :

1. Fertilization
2. Embryo
3. Germinal Layer
4. Yolk
5. Regeneration.