



B. Sc. (Zoology) Semester - II

Paper – I

(Life and Diversity of Animals- Nonchordates Arthropoda to Hemichordata)

Unit 1

Arthropoda : General characters and classification up to classes

<https://youtu.be/3CMcys3eRyo?list=PLMo52LnmF0xeDEKu43IVEqyubO7aERQGI>

Cockroach : Mouth parts

<https://youtu.be/y7iDDj3FCdo>

Cockroach : digestive system

<https://youtu.be/R7UeLi6QMnQ>

Cockroach reproductive system

Cockroach: reproductive system - male

<https://youtu.be/qzX3fHGefKo>

Female reproductive system and development of Cockroach for NEET AIIMS

<https://youtu.be/EcuWbOgA8Dw>

Insects as Vectors : Mosquito, Housefly, Sandfly, Tse-Tse fly

<https://youtu.be/rapgI6RAZus>

Study of crustacean larvae : Nauplius, Zoea and Megalopa

<https://youtu.be/ofIB5JmEWiw>

Unit 2

Mollusca : General characters and classification up to classes

<https://youtu.be/SGa3rAiCf7o>

<https://youtu.be/04UpSslbXtk>

Pila : Morphology, digestive, respiratory and reproductive system

<https://youtu.be/nqK8qkfuS0Y>

<https://youtu.be/r6S-GDLDuUU>

Molluscan larvae : Glochidium and Veliger

<https://youtu.be/ZjLDx2z3-yg>

Unit 3

Echinodermata : General characters and classification up to classes

<https://youtu.be/y1KgxDQa-A>

Asterias : External features and digestive system

<https://youtu.be/f2gKgi9Dqy4>

3.3 Water vascular system in Starfish

<https://youtu.be/d-dljXRueVI>

3.4 Echinoderm larvae : Bipinnaria and Auricularia

<https://youtu.be/I3F9dApxJqI>

<https://youtu.be/OqUI4lvkDew?list=PL7pdjvMuhySolRtXCROxB0wGHkdBsYp89>



Unit 4

Hemichordata : General characters and phylogeny

<https://youtu.be/mv2Hc6OmAK8>

External features and digestive system

https://youtu.be/tP_ZF0Kz9vE

Reproduction in *Balanoglossus*

<https://youtu.be/PaMwVj0FK3s>

Tornaria larva and Affinities of *Balanoglossus*

<https://youtu.be/xVnERtsgARk>