

AMPHIBIA

→ Latin word → Amphi → Both
 Aquatic
Land → Double-Life

EVOLUTION

- Lobe-finned Fish → (Dipnoi) → Lung fish
- Fossil evidence → Devonian Period

GENERAL CHARACTERS

SKIN

- Smooth skin, Moist
- Many glands
- Poisonous-glands
- Scales → absent

SKELETON

- Bony endoskeleton
- Tail → with or without

LIMBS

- 4-Limbs, Some Limbless → (Caecillians)
- Webbed feet → Swimming

RESPIRATION

- Larval stage → Gills
- Adult stage → Lungs & SKIN

HEART

- 3-chamber heart 2 auricles
1-Ventricle
- 2-Extra chambers
→ Sinus-venosus

The course videos and notes provided by Physics In Seconds are for educational and informational purposes only and protected by local copyright laws.

Unauthorised reproduction or distribution is strictly prohibited. By accessing and using these materials, you agree to use them solely for personal, non-commercial use and will not hold the copyright holder liable for any damages.

By accessing and using the materials, you also agree to abide by all local copyright laws.

- 2- Extra chambers
 - Sinus-venosus
 - Truncus-arteriosus

- Double- Circulation

METAMORPHOSIS

- Tadpole → adult (Tail-Remove)

HIBERNATION

- low-metabolic activities → winter
 - Cold-Blooded

REPRODUCTION

- Separate Sex
- Fertilization → External
- No copulatory-organ
- Larvae → Tadpole

EXAMPLES



Frog



Salamander



Toad

The course videos and lecture notes provided by Physics In Seconds are for educational and informational purposes only and protected by local copyright laws.

Unauthorised reproduction or distribution is strictly prohibited. By accessing and using these materials, you agree to use them solely for personal, non-commercial use and will not hold the copyright holder liable for any damages.

By accessing and using the materials, you also agree to abide by all local copyright laws.