

Chordates (कव्हीरुकीय)

Mammals (स्तनधारी)



Aves/Birds (पक्षी)



Reptiles (सरीसृप)



Amphibians (उभयचर)



Fish (मछली)

Fish (मछली)

- जंवर/रहित मछलियाँ
Jawless fishes
- ① Cyclostoma (साइक्लोस्टोमा) →
- Cartilaginous fish
उपास्थिय मछलियाँ
- ② Chondrichthyes (कौन्ड्रीकाइरस) →
- Bony fishes
अस्थिय मछलियाँ
- ③ Osteichthyes (ओस्टीयोकाइरस) →

1. Class : Pisces / Fish



- Subclass – **Cyclostomata**

साइक्लोस्टोमा

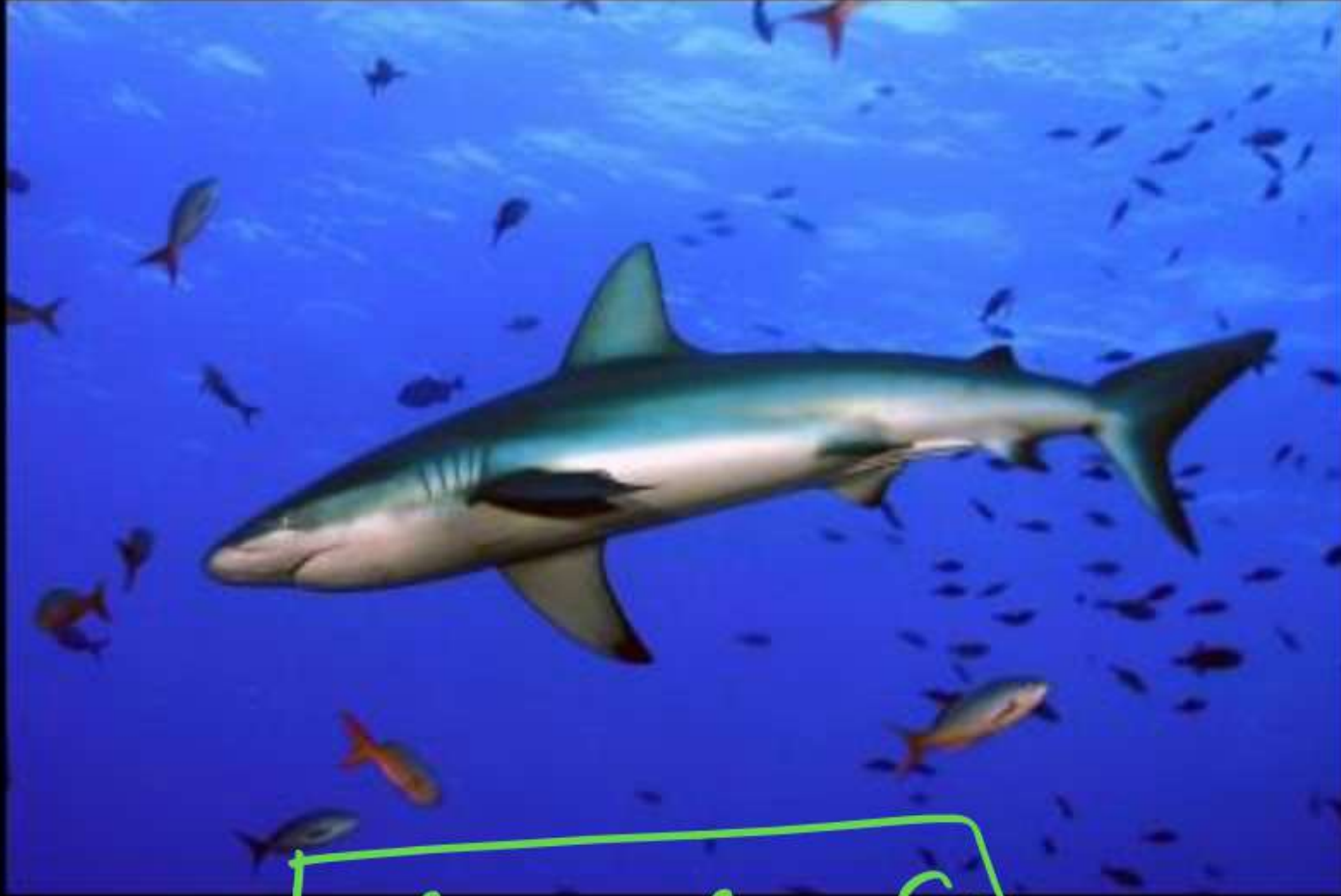
- Cyclostomes have a sucking and circular mouth **without jaws.**

जबड़ा रहित

- Examples: Petromyzon **(Lamprey)** and Myxine **(Hagfish).**

① Lamprey (लैंपरे)

② Hagfish (हागफिश)



Ex. → Shark (शार्क)
स्कोलिओडॉन → Dog fish.

Subclass – Chondrichthyes

Examples: Scoliodon (Dog fish),
Pristis (Saw fish), Carcharodon
(Great white shark), Trygon (Sting
ray).

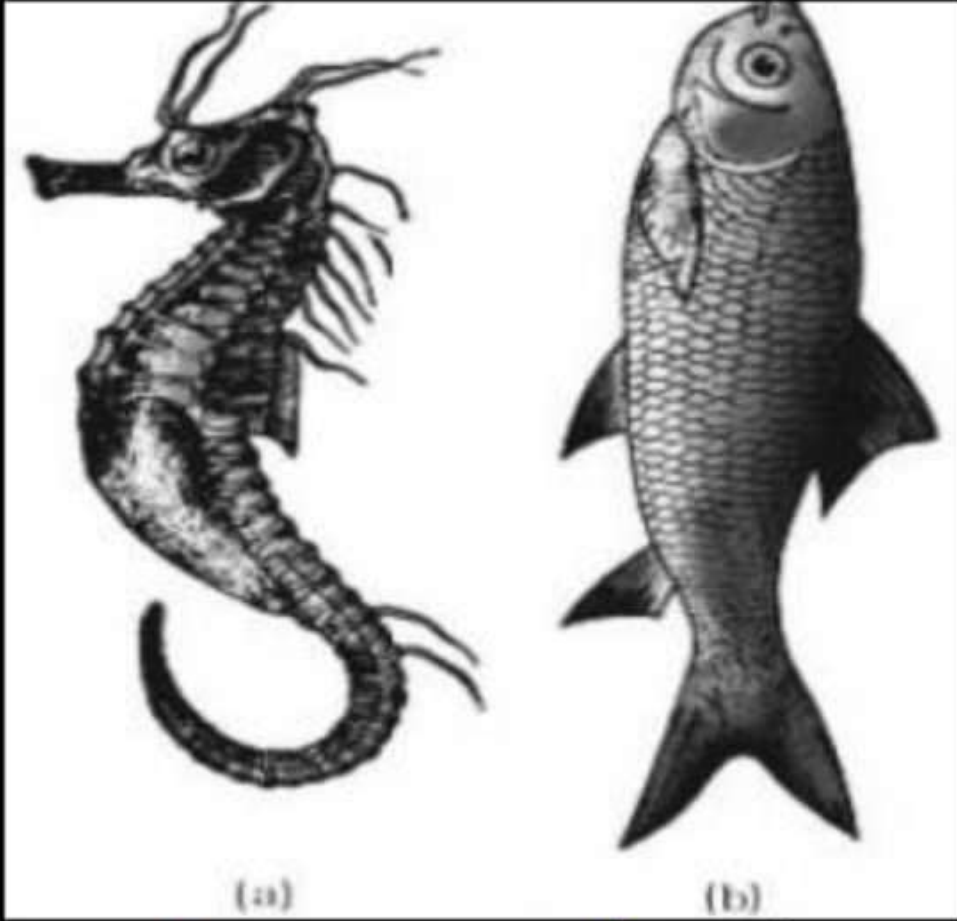
2. कोन्ड्रीकाइयस

Cartilaginous fishes.
उपास्थिय मछलियाँ

Ques → हड्डी नहीं होती है।

Subclass – Osteichthyes

Examples of Bony fishes : (a) Hippocampus – sea horse (b) Catla (c) Rohu



③ ओस्टियोकाइयस → Bony fish.
अस्थिय मछली

① Hippocampus } sea horse
हिप्पोकैम्पस } समुद्री घोड़ा

② Catla (कतला) ③ Rohu (रोहू)



Class – Amphibia

Examples: Bufo (Toad), Rana (Frog), Hyla (Tree frog), Salamandra (Salamander), Ichthyophis (Limbless amphibia)

क्षरीसृप



Class – Reptilia

Examples: Chelone (Turtle), Testudo (Tortoise), Chameleon (Tree lizard), Calotes (Garden lizard), Crocodilus (Crocodile), Alligator (Alligator), Hemidactylus (Wall lizard), Poisonous snakes – Naja (Cobra), Bangarus (Krait), Vipera (Viper).

Class – Aves (Birds / पक्षी)

Flightless birds



✓ शुतुर्गावुर्ग
Ostrich



✓ किवी
Kiwi



✓ पेन्गावीन
Penguin



Rhea रिचा



क्रौसवेरी
Cassowary



मोआ
Moa





Class – Mammalia

The most unique mammalian characteristic is the presence of milk producing glands (mammary glands) by which the young ones are nourished.

Mammals (स्तनधारी)

⇒ Viviparous.
(जरायुज).
जरायु

↳ Mammary
glands.
(दुग्ध ग्रंथियाँ)



echidna
इकीडना

platypus (प्लेटीपस)

Types of Mammals : प्रोटोथेरिया

1. Monotremes (Prototheria) are mammals that lay eggs.

Examples : Platypus and Echidna



कोआ

कंगारू

↓
Koalas

↓
Kangaroos

मार्सूपियन

Pouch
चैली

2. **Marsupials** (Metatheria) are mammals that carry their young in a pouch.

Examples: Koalas and Kangaroos.



HUMANS
मानव

3. Placental mammals (Eutheria) are characterized by the presence of the placenta, which facilitates exchange of nutrients and wastes between the blood of the mother and the fetus.

③ Placental Mammals → गर्भनाल / अपरा Placenta