

Osteichthyes
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Osteichthyes:-

- These fish are found in marine waters, freshwater or brackish water.
- They have a bony endoskeleton.
- Autostylic jaw suspension.
- They have no scales.
- The gills are covered with an operculum.
- The air bladders are present in most of them.
- They are further divided into two sub-classes:
- Ctenopterygii
- Acanthopterygii

Eg: Propterus, Lepidobatren

- The exoskeleton is like placoid scales.
 - The endoskeleton is cartilaginous.
 - The jaw suspension is amphistylic.
 - Gills are the respiratory organs.
 - The Caudal fin is heterocercal.
 - Claspers are the reproductive organs in males.
 - These fish do not have air-bladders.
 - These are divided into two sub-classes:
 - Selachii
 - Brachypterygi
- Ex - Heterodontus, Scyllium

class
04

Placodermi (Aphistiohyoides):-

- All members of this class are extinct today.
 - Their exoskeleton is in the form of shields and the endoskeleton is bony.
 - These fish exhibit autotomistic jaw suspension.
 - They survived until the end of the Devonian period.
 - The heterocercal Caudal fin is present.
- eg:- *Climatius*, *Bothriolepis*.

Chondrichthyes:-

- These fish are found only in the marine environment.

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- i) They swim with the help of their tail.
- ii) Paired and unpaired fins represent the appendages. These help the fish to balance while swimming.
- iii) The lateral line system acts as a sensory organ to sense the disturbances in the nearby environment.
- iv) The body is covered with deep-seated scales which provides protection to them.

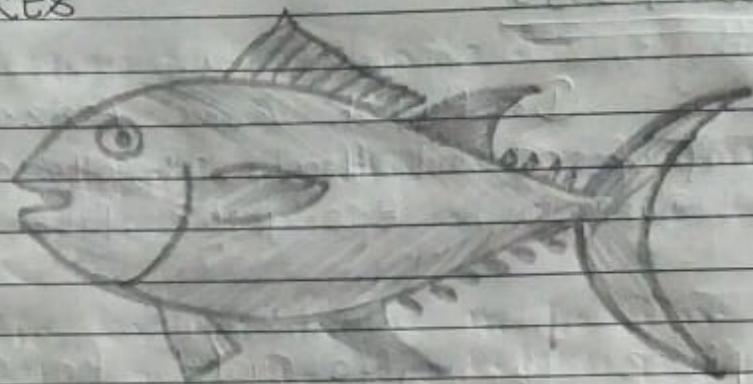
Classification of fishes:-

Fishes are classified into three categories:

- Placodermi (Agnathans)
- Chondrichthyes
- Osteichthyes

class
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* PISCES



The superclass pisces are the tauly jawed vertebrates. They have organs of respiration and locomotion related to a permanently aquatic life.

Characteristics of pisces:-

- i) They are found in fresh, marine, and brackish water.
- ii) The body is usually streamlined. Some have a spindle-shaped or elongated body as well.
- iii) Their body is divided into head, trunk and tail.

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छाती प्रीज का जीव चक्र का चित्र
शुद्ध वर्णन करें।

~~छाती~~ प्रीज मालव फिश एस्का क्लासिफिकेशन
चैरक्टर, उदाहरण लिखना होता है।

Ans - प्रीज़ :-

These are true, jawed Vertebrates with specific organs for respiration, excretion and blood circulation. The organisms belonging to this class are poikilotherms meaning that cannot regulate their own body temperature. Essentially, all the fish come in this category.

Kingdom : Animalia
Phylum : Chordata
Class : Pisces