

12/6/2020

Module-1
25 civil
Town

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graph TD
    A[Mouth/Jaws] --> B[Gills]
    A --> C[Nostrils]
    A --> D[Eyes]
    A --> E[Operculum]
    A --> F[Gill cover]
    A --> G[Gill rays]
    A --> H[Gill membrane/skin]
    A --> I[Ventral fin]
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Diagram illustrating the structure of a fish head, showing various parts labeled: Mouth/Jaws, Gills, Nostrils, Eyes, Operculum, Gill cover, Gill rays, Gill membrane/skin, and Ventral fin.

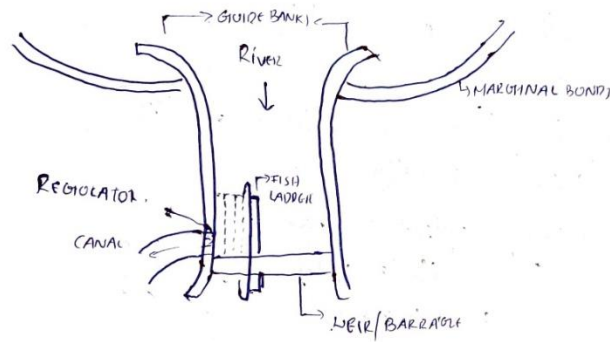
Diagram illustrating the structure of a fish head, showing various parts labeled: Directional head, Sturge head, Head regulator, Temporary, and Permanent.

Types of Bases

- 1) Basal Bases
- 2) Basal Bases

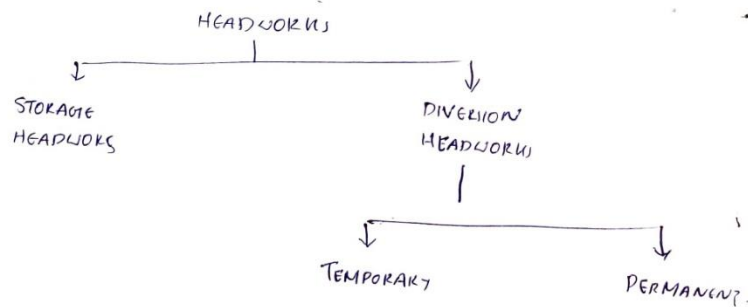
Basal Bases - A structure which is connected along the back of the head, giving the direction of flow of water.

Marginal Bases - A structure which is connected along the back of the head.



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Guide Banks :- Guides the river flow without much erosion.



DAM :- water holding structure.

Storage reservoir: water body.

Weir / Barrage: are constructed \perp to the flow of river.

~~can~~ Storage head works \rightarrow Dam.

Diversion head works \rightarrow Weir/Barrage.

- \rightarrow ^{Weir/Barrage} Regulator with shutters provided more amount of water to river.
 - \rightarrow Fish ladder in India is provided in zig zag manner to reduce velocity.
 - \rightarrow Silt is mainly extracted by
 - (a) silt exclude
 - (b) silt ejector
- Silt exclude at the opening of Regulator
Silt ejector at the end of the canal.