Name ……………………….

Ichthyology first exam

Second class of fish department and aquatic animal

Q1\ Answer the following (chose only 5)

1. **Scales**:
2. **Herbivores:**
3. **spiral valve:**
4. **single fins and paired fins.**
5. **Types of fish mouth**
6. **Types of scales**

Q2\ Fill in the following blanks:

1. The taxonomic term for fish is (…………………).
2. Hagfish are isotonic: It means ………………………………………………………

………………………………………………………………………………………………………

1. The skin med up of Dermis and Epidermis layer. The Epiderma layer is made up of ………………………. , ……………………., and ………….………..
2. The main enzymes active in the stomach are …………………...
3. The pancreas secretes enzymes such as ……….…..(attacks proteins), ………………… (attack carbohydrates) and ………………….. (attack fats).
4. **Continuous caudal fin** are able to swim in and …………………..

**……………………………………………..….**

Q3\ Give the function of the following: (chose only 5)

1. Anal fin:
2. Lateral line:
3. Gills:
4. Operculum:
5. Nostrils:
6. Shark liver:
7. gall bladder:

Q4\ Write the defiance of the following:

1. AGNATHA , CHONDRICHTHYES , **OSTEICHTHYES**

Jaw

scale

skeleton

example

1. **Sharks , (Rays and Skates)**

**body shape**

**skeleton**

**Jawe**

1. lamprey , hagfish

Buccal cavity

Stomach

*With all the best*

Assist Lecture :Nuha Al-Muffti