Teacher Answer Key

Case Study

1. Sharks rely on oil-filled livers, tuna use swim bladders.

2. Temperature regulation allows tuna to enter colder waters and expand their hunting range.

Multiple Choice

1. D

2. C

3. A

Matching

1-C, 2-E, 3-A, 4-B, 5-D

Fill-in-the-Blank

1) Chondrichthyes, 2) Swim bladder, 3) Gills

Short Answer (Sample Responses)

Q1: The swim bladder allows fish to maintain neutral buoyancy without constant swimming, saving energy.

Q2: Cartilaginous skeletons are lighter and more flexible but less supportive than bone.

Q3: Sharks are vulnerable due to slow reproduction; bluefin tuna are overfished because of high market demand.