**Reading Comprehension Questions about the text of water**

**Section 1: Composition and Properties of Water**

**1.1** What elements make up water, and in what volume ratio?  
**1.2** How much of the Earth's surface is covered by water?  
**1.3** Why is it surprising that water is used to put out fires, considering its components?  
**1.4** What are the burning properties of hydrogen and oxygen?

**Section 2: Compressibility of Water**

**2.1** How does the compressibility of water compare to that of hydrogen and oxygen?  
**2.2** What is a hydraulic accumulator, and how is it related to water’s properties?  
**2.3** What happens to water at great ocean depths, despite its resistance to compression?  
**2.4** How much lower is the average sea level due to the compressibility of water?

**Section 3: Salt Water vs. Fresh Water**

**3.1** Why is water in nature never found in a completely pure form?  
**3.2** How does the presence of salt affect the weight and buoyancy of sea water?  
**3.3** Why is it easier to swim in salt water than in fresh water?  
**3.4** What happens to the salt in sea water when it freezes?

**Section 4: Importance and Uses of Water**

**4.1** Why is water essential for all forms of life?  
**4.2** In what fields is water especially indispensable, and why?  
**4.3** How does water behave in the human body after it is consumed?  
**4.4** What makes water useful in engineering applications?

**Section 5: Water Cycle and Changes of State**

**5.1** What happens to water when it is heated, frozen, and evaporated?  
**5.2** How does the water cycle allow water to change forms and continue circulating?  
**5.3** Why is water considered indestructible in nature?  
**5.4** What keeps the total amount of water on Earth constant?