The following are **Pre-Visit Science** questions relating to both the 2005 SC State Science Standards and the South Carolina State Academic Standards and Performance Indicators for Science approved for implementation in 2014 by the EOC and SBE.

(5-4.1, 5.P.2A)

**1) In the science adventure story Oscar I Am! , the main character Oscar is a particle of oxygen. Is the following statement true or false?**

**“All matter is made up of particles that are too small to be seen.”**

True False

(5-3.1, 5.P.5A.4, 5.E3.A)

**2) As water moves from higher to lower elevations it can break down the landforms it passes over by transporting sediment. This process is called:**

a) deposition

b) erosion

c) eruption

(5-5.1, 5.E3.A)

**3) Water moves down through a watershed because of what force:**

a) friction

b) magnetism

c) gravity

(5-2.2, 5.L4.A)

**4) Which factor is abiotic:**

a) crab

b) mud

c) marsh grass

(5-2.4, 5.L4.B)

**5) A salt-water snail that hunts and eats other animals for food is a:**

a) producer

b) herbivore

c) predator

(Math Standard: 5.G.1)

**6) On a graph, the x-axis is**

a) vertical (up and down)

b) horizontal (side to side)

(5-4.5, 5.P2.B)

**7) In a salt water solution, water is the**

a) solute

b) solvent

c) concentration

(5-2.3, 5-4.5, 5.E3.B2)

**8) High tides bring salty *ocean* water into the salty brackish water of an estuary. If more salt mixes with the estuary’s brackish water, it will become:**

a) more concentrated

b) less concentrated

c) stay the same

(5-3.6, 5.E3.B)

**9) Humans can impact ecosystems in**

a) positive ways

b) negative ways

c) both positive and negative ways