

Part One: Reading (Score: 7 pts.)

I- Read the following text carefully, and then answer the questions below in complete sentences. (Score: 3 pts.)

1. Evaporation and recondensation of water entail an important step in purification called distillation. During evaporation, water molecules rise from the surface of a solution, but the salts and other minerals that had been dissolved in it crystallize and precipitate from the solution, forming sediment. As water is heated, its molecules acquire sufficient energy to break the weak pull between them and rise in the form of vapor. As the vapor temperature falls, the attractive force between molecules grows to hold the molecules together, resulting in condensation. When water vapor recondenses, it consists only of water. Pure water used in chemical laboratories is obtained by this process. Water from the ocean and other sources is perpetually evaporated, purified, and eventually recondensed in the atmosphere.
2. Water can be purified by distillation or other methods. The hydrological cycle of the earth consists of water vapor entering the atmosphere through evaporation and coming back via condensation and precipitation. Since oceans occupy approximately 70 percent of the planet's surface, the largest amount of water in the cycle is derived from the evaporation of water from the ocean surfaces. A secondary source of water vapor lies in rivers, lakes, and soil. Plant transpiration occurs in areas with heavily vegetated land and adds to the vapor in the cycle.

1. Why does sedimentation develop? _____

2. What is the primary physical mechanism of evaporation? _____

II. Refer to the text and then choose the one best answer (A), (B), (C), or (D) to each of the following questions. (4 pts.)

1. The underlined phrase "this process" refers to
 - A. evaporation
 - B. precipitation
 - C. condensation
 - D. purification

2. The underlined word “perpetually” is closest in meaning to
 - A. persistently
 - B. perceptually
 - C. always
 - D. slowly

3. The underlined word “via” is closest in meaning to
 - A. by means of
 - B. without
 - C. because of
 - D. upward from

4. It can be inferred from the passage that regions near the ocean experience
 - A. high winds
 - B. high humidity
 - C. low precipitation
 - D. cold snaps

5. It can be inferred from the passage that evaporation
 - A. occurs only from the surfaces of oceans
 - B. takes place from all bodies of water
 - C. is only 70 percent effective
 - D. cannot take place from the soil

6. The author of the passage implies that
 - A. plants benefit from water vapor and precipitation
 - B. plants participate in the hydrological exchange
 - C. vegetables grow well near the ocean coastline
 - D. water is the main constituent of the earth's atmosphere

7. Which of the following is not mentioned in the passage as a source of vapor?
 - A. precipitation
 - B. oceans
 - C. water in plants
 - D. rivers and lakes

8. Which of the following would be the best title for the passage?
 - A. Purification of Water in Large Quantities
 - B. The Physical Consistency of Water Vapor
 - C. Evaporation of Molecules for Purification
 - D. Distillation in the Hydrological Cycle

Part Two: Grammar (Score: 6 pts.)

Each of the following sentences contains ONE error. Underline the error in each sentence and then correct it in the space provided.

1. I will call him when we get their. _____
2. I wouldn't have touched that button if I were you. _____
3. Neither the Secretary nor the Manager were available. _____
4. I look forward to meet you in future. _____
5. I asked him what is his name. _____
6. My father is thinking that I should stop smoking. _____

Part Three: Writing (Score: 7 pts.)

"A fertile soil alone does not carry agriculture to perfection."

In light of the above quotation, write a **three-paragraph essay** in which you explain **two ways** (other than having a fertile soil) that **improve agricultural productivity**. Your writing will be assessed for **ideas, language, and organization**.

Handwriting practice lines consisting of 18 horizontal lines.

Best Work

