

Social Studies 9

4-3

I. Choose the letter of the correct answer.

1. What is the correct order of the atmospheric layers from bottom to top?

- a. Stratosphere, Mesosphere, Troposphere, Thermosphere
- b. Troposphere, Stratosphere, Mesosphere, Thermosphere
- c. Troposphere, Mesosphere, Stratosphere, Thermosphere

2. What is the highest layer of the atmosphere?

- a. Mesosphere
- b. Thermosphere
- c. Troposphere

3. Which layer of the atmosphere contains the ozone layer?

- a. Mesosphere
- b. Stratosphere
- c. Troposphere

4. In which layer do weather phenomena take place?

- a. Mesosphere
- b. Stratosphere
- c. Troposphere

5. What are the two most common gases in the atmosphere?

- a. Nitrogen and oxygen
- b. Nitrogen and carbon dioxide
- c. Oxygen and trace gases

6. What is the function of the ozone layer?

- a. to allow UV rays to get to Earth
- b. to keep oxygen in
- c. to block UV rays from getting to Earth

7. What is the hottest layer?

- a. Stratosphere
- b. Thermosphere
- c. Troposphere

8. What layer do airplanes fly?

a. Troposphere

b. Stratosphere

c. Mesosphere

9. What happens to the air as you go higher?

a. air becomes more dense

b. air becomes less dense

c. air remains the same

10. What is the coldest layer of the atmosphere?

a. Troposphere

b. Stratosphere

c. Mesosphere