

Part I. Answer these questions by marking the best answer from the choices given:

1. For patients with no ability to exert respiratory effort, the preferred mode of breathing is ...
 - a. Spontaneous breathing
 - b. Mandatory breathing
 - c. Triggered breathing
2. At higher altitudes while running, the efficiency of oxygen exchange is lower due to ...
 - a. Shorter contact time
 - b. Thicker alveolar epithelium
 - c. Lower oxygen concentration in air
3. The lungs have ... compliance than proximal airways.
 - a. Lower
 - b. Higher
 - c. Same
4. Higher Oxygen solubility in alveolar wall results in ... efficiency of gas exchange.
 - a. Decreased
 - b. Increased
 - c. Same

Part II. Mark the following statements as True (T) or False (F):

5. Some Ventilators can work without a compressed air source.
6. By the end of the contact time, Oxygen partial pressure in capillary blood and alveolar gas is same.
7. Spontaneous breathing is always allowed with CPAP treatment.
8. High lung compliance means that the lung expands easily.