

## MCQ

### C.4.3. Lung Volumes

1. When a normal healthy adult breathes at rest, his or her tidal volume will be approximately:
  - a) 0,1 liter
  - b) 0,5 liter
  - c) 1,5 liter
  - d) 10,5 liter
2. If somebody has a tidal volume of 0,8 liter and a breathing frequency of 10 cycles per minute, his minute ventilation will be:
  - a) 2 liter/min
  - b) 4 liter/min
  - c) 8 liter/min
  - d) 16 liter/min
3. This patient has an inspiratory capacity of 2 l, an expiratory capacity of 3 l and a tidal volume of 0,5 l. What is his Vital Capacity?
  - a) 4,5 liter
  - b) 5,0 liter
  - c) 5,5 liter
  - d) 6,0 liter
4. What is 'alveolar ventilation'?
  - a) The amount of air that passes through the nose
  - b) The amount of air that passes through the mouth
  - c) The amount of air that reaches the alveoli
  - d) The amount of air that remains in the 'dead space'

**Answers:**

- 1) b.
- 2) c.
- 3) a.
- 4) c.