

HUMAN RESPIRATORY SYSTEM QUESTIONS

1. Distinguish between external and internal respiration.
2. List the parts of the human respiratory system, and state the function of each.
3. Describe the mechanism of breathing.
4. Explain why oxygen from the air in an alveolus moves into the blood, and carbon dioxide moves out of the blood into the alveolus.
5. What physiological mechanism brings about an increase in the breathing rate after exercise?
6. What effect would a reduction in the surface area of each alveolus have on the body?
7. What function is served by the cilia of the respiratory tract?
8. What characteristics do these respiratory surfaces – lungs, gills and tracheal systems – have in common?