

X_BIOLOGY_LIFE PROCESSES(RESPIRATION)_ WS 3

MODULE 3/3

1. What is Haemoglobin and why is it important?
2. What is meant by Carbon monoxide poisoning?
3. What is the principal of exchange of gases?
4. What will happen if there is a deficiency of Haemoglobin in the body?
5. What are the different ways how carbon dioxide is transported in the blood?
6. Draw the human respiratory system and label.... lung, bronchi, alveolar sac, trachea, nasal passage.
7. Explain in details how oxygen is transported by the blood.
8. Describe the mechanism of breathing.
9. What is meant by residual volume of air? How is it useful?
10. Write the 3-word equations to show how haemoglobin combines with oxygen, carbon dioxide and carbon monoxide.
11. Why does the pressure in the lungs decrease during inhalation?
12. Why is it dangerous to sleep in a closed room with a small coal fire smouldering?
13. How does exchange of gases take place in the alveoli?
14. Draw a simple diagram to show the mechanism of breathing in the human beings.