

X_BIOLOGY_ LIFE PROCESSES(RESPIRATION)_WS-1

MODULE 1/3

1. Name the respiratory Unit of lungs.
2. Define Respiration?
3. State the basic difference between respiration and photosynthesis?
4. Name the cavity in which lungs of man are located? State its function.
5. Write 2 differences between breathing and respiration?
6. Choose the correct answer –
Assertion: Glycolysis occurs in the cytoplasm.
Reason: It is common for both aerobic and anaerobic respiration.
 - a) If both assertion and reason are true and reason is the correct explanation of assertion.
 - b) If both assertion and reason are true but the reason is not the correct explanation of assertion.
 - c) If assertion is true and reason is false.
 - d) If both assertion and reason are false.
 - e) If assertion and reason are true.
7. What happens to the rate of breathing during exercise and why?
8. Where does aerobic respiration occur in the cell? What are the end products, how much energy is produced?
9. Why is anaerobic respiration less efficient? What is meant by fermentation?
10. Differentiate between Aerobic and Anaerobic respiration.
11. What is breathing? During the breathing cycle, what is the advantage of the residual volume of air in the lungs? Explain.
How is breathing different from respiration?
12. Draw the 3 pathways of breakdown of glucose.