

Worksheet

1. Which of following is correct equation for summary of photosynthesis  
 A  $6CO_2 + 12H_2O + \text{Chlorophyll} + \text{Light} \rightarrow C_6H_{12}O_6 + 6O_2 + 6H_2O$

2. Products of aerobic respiration in muscle are  
 A Lactic Acid & Energy

3. Which of following statements are true about respiration

(a) During inhalation ribs move inward & diaphragm is raised

(b) In alveoli exchange of gases takes place  
 i.e.  $O_2$  from blood into alveolar air

(c) Haemoglobin has greater affinity for  $CO_2$  &  $O_2$

(d) Alveoli increase the surface area for absorption of gases  
 A b & d

4. The main function of urinary bladder is to store the urine from kidney & urinary bladder

A. Aerobic respiration requires less energy  
as compared to anaerobic respiration  
R. Mitochondria is the powerhouse of cell  
A is false but R is true

A. Arteries are thick walled & elastic in  
nature

R. Arteries have to transport blood away  
from heart

Both A & R are true but R is not  
correct explanation of A.

A. Human heart is four chambered

R. Vena Cava is only artery that supplies  
deoxygenated blood to heart

A is true & R is false

A. Energy is required to carry out  
different life processes

R. Energy is obtained in form of ATP  
in mitochondria.

Both A & R are correct & R is correct  
explanation of A