Class 10th NCERT "Life Processes" Questions

# Multiple Choice Questions (MCQs)

1. During the process of photosynthesis carbon dioxide is\_\_\_\_\_\_\_\_   
 a) reduced b) Oxidized and reduced simultaneously c) Dehydrated d) Oxidized

2. Which contain less nitrogenous waste?  
 a) Pulmonary artery b) renal vein c) Pulmonary vein d) renal artery

3. Heart pumps blood more forcefully in older persons than younger ones due to\_\_\_   
 a) Decrease in oxygen content of blood

b) Decrease in elasticity of arteries

c) Fall in nutrient contents of blood

d) Increase in elasticity of arteries

4. Which of the following is the common passage for both digestive and respiratory system?

a) Larynx b) Oesophagus   
c) Oropharynx d) Trachea

5. When air is blown from the mouth into a test tube containing lime water, the lime water turned milky due to the presence of -

a) oxygen

b) nitrogen

c) water vapours

d) carbon - dioxide

**2 Marks Questions**

5. The two openings of the pharynx, one leading to the trachea and the other leading to oesophagus, lie very close to each other. Yet food we swallow normally does not enter into our trachea. Why?

6. If a person is working on a treadmill in a gymnasium, will it affect his rate of breathing? How?

# 3 Marks Questions

6. How would it affect the digestion of proteins and carbohydrates in the duodenum of man if there is a blockade in the pancreatic duct?