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**CBSE TEST PAPER-04**

**Class – X Science (Life Processes)**

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1. When air is blown from mouth into a test – tube containing lime water, the lime water turned milky due to presence of – [1]  
a) oxygen                      b) nitrogen  
c) water vapours              d) carbon – dioxide
2. In which of the following group/ groups of animals, heart does not pump oxygenated blood to different parts of the body? [1]  
a) Pisces only                      b) Amphibians only  
c) Amphibians and reptiles only      d) Pisces and amphibians.
3. The filtration units of kidneys are called – [1]  
a) Ureter                      b) Urethra  
c) Neurons                      d) nephrons.
4. What is the mode of nutrition in fungi and plasmodium? [1]
5. Which of them contain less nitrogenous waste – renal vein or the renal artery? [1]
6. Differentiate between transport of materials in xylem & phloem [2]
7. What is the role of glomerulus in kidney? [2]
8. Why is it essential to match the blood groups of donors and receiver person before arranging transfusion of blood? [2]
9. Why is it necessary to separate oxygenated & deoxygenated blood in mammals & birds? [2]
10. Dark reaction of photosynthesis does not need light. Do plants undergo dark reaction at night explain. [3]
11. Differentiate inhalation and exhalation. [3]
12. With the help of diagram, show pulmonary circulation in man. [3]
13. What are the functions of human respiratory system ? [3]
14. With the help of labeled diagram, Discuss the mechanism of respiration in human beings. [5]