



SARALA BIRLA PUBLIC SCHOOL

Birla Knowledge City, Mahilong, Ranchi

CLASS-X (2020-21)

Sub: BIOLOGY

Assignment-3



Chapter:6 (Life Processes)

Instructions: Q.1 to Q.5 are short answer type questions .

Q.6 to Q.10 are long answer type questions .

1. What is common in *Cuscuta*, ticks and leeches?
2. The blood leaving the tissues becomes richer in carbon dioxide. Give reason.
3. Mention the components of blood.
4. Write the function of valves present between atria and ventricles.
5. We boil leaf in alcohol when we are testing it for starch. Give reason.
6. Draw excretory system in human beings and label the following organs of excretory system which perform following functions:
 - a) Form urine.
 - b) Store urine until it is passed out.
 - c) Is a long tube which collects urine from kidney.
7. Describe the double circulation in human beings. Why is it necessary?
8. What are the methods used by plants to get rid of excretory products?

9. Compare the functioning of alveoli in the lungs and nephrons in the kidney with respect to their structure and functioning.
10. What is an artificial kidney? Explain the working of artificial kidney briefly.