**SYMBIOSIS SCHOOL, NASHIK**

**STD : X TERM I (2020-21)**

**SUB : BIOLOGY L.NO.6 LIFE PROCESSES**

**REVISION WORKSHEET (ANSWERS) MARKS : 25**

1. pharynx

2. Herbivores eat grass which takes time to digest. Carnivores eat meat which is easier to digest. So herbivores

have longer small intestine while carnivores have shorter small intestine.

3. i) aorta ii) vena cava

4. The rhythmic contraction and relaxation of the muscles of walls of the alimentary canal is called peristalsis.

5. platelets

6. gums and resins

7. Anaerobic respiration is less efficient because it produce less energy.

8. The respiratory pigment is haemoglobin and its function is to carry oxygen to all the cells of the body.

9. Refer to the notes

10. Refer to the notes.

11. i) Lymph is the tissue fluid. Through the pores present in the walls of capillaries, proteins and blood cells

escape into intercellular spaces to form lymph.

ii) It is colourless and contains less proteins.

iii) Functions : a) It carries digested and absorbed fats.

b) Drains excess fluid from extracellular spaces back into blood.

c) It produce lymphocytes which form the immune system of the body.

12. Refer to the notes

13. i) a) Ambhibians and reptiles do not need to keep their body temperature constant and can tolerate mixing

of oxygenated and deoxygenated blood. So they have 3 chambered heart.

b) Birds and mammals need to keep their body temperature constant and cannot tolerate the mixing of

oxygenated and deoxygenated blood. So they have 4 chambered heart.

ii) autotrophs - mango , saprotrophs - mushroom , parasites - cuscuta , lice

iii) Energy currency of the cell is ATP. The process where energy is used is contraction of muscles, protein

synthesis, conduction of nerve impulses, photosynthesis ( Any one suitable process)