

## WORK SHEET –A CLASS 10TH (BIOLOGY)

### Chapter-6 (Life processes)

- Q1-What do you mean by life processes?
- Q2-Define photosynthesis? Name its stages their site and products formed?
- Q3-Explain why photosynthesis is considered the most important process in the biosphere?
- Q4-Differentiate between parasitic and saprophytic mode of nutrition?
- Q5-What is holozoic mode of nutrition? Give example ?
- Q6-What is alimentary canal?
- Q7-Define digestion in humans?
- Q8-Explain the role of following enzymes in digestion:- (a)Amylase (b)pepsin (c)trypsin
- Q9-Why is small intestine in herbivore longer than in carnivores?
- Q10-Name the main organs of the human digestive system in the order they participate in the process of digestion?
- Q11-How are fat digested in our bodies? Where does this process take place?
- Q12-Define villi? What is its role in digestion.
- Q13-Define Respiration?
- Q14-What are the differences between aerobic and anaerobic respiration?
- Q15-Name some organisms which perform anaerobic respiration and product they form during this process?
- Q16-Differentiate between respiration and breathing?
- Q17-Name the energy currency in living organisms. When and where is it produced?
- Q18-Explain the process by which inhalation occurs during breathing in human beings?
- Q19-Explain the schematic representation of gaseous exchange in tissues?
- Q20-Define pulmonary pathways?
- Q21-Define systematic pathways?
- Q22-Explain transportation in plants?
- Q23-Why is it necessary to separate oxygenated and deoxygenated blood in mammals and birds?
- Q24-Show with the help of a diagram double circulation in human beings?
- Q25-Differentiate between Arteries and veins?
- Q26-Draw a well labeled diagram showing double circulation?
- Q27-Define capillaries?

## WORK SHEET –B CLASS 10TH (BIOLOGY)

- Q28-Define excretion? Why it is necessary?
- Q29-How unicellular organism remove waste?
- Q30-Name the various component of excretory system in humans?
- Q31-Define artificial kidney? Explain its functioning?
- Q32-Diffusion is insufficient to meet the oxygen requirement of multicellular organism like humans. State reason.
- Q33-Give reasons:- (a)Ventricles have thicker muscular walls than atria.  
(b)During the daytime, water and minerals travel faster through xylem as compared to the night.  
(c)Transport system in plants is slow.
- Q34-Draw a diagram of human excretory system and label it.

## Chapter-7(Control and coordination)

Q35-Define coordination? Give one example.

Q36-Explain what is geotropism?

Q37-Explain 'reflex action' with a suitable example?

Q38-Differentiate between reflex action and walking?

Q39-Define CNS?

Q40-Name one gustatory receptor and one olfactory receptor in human beings?

Q41-Write the main functions of the following:

(a) Sensory neuron (b)Cranium (c)Vertebral column (d)Motor neuron.

Q42-Differentiate between locomotion and movement?

Q43-Define neuron? Explain its structure.