

# MID TERM EXAMINATION

APRIL/MAY 2018

CLASS X

Marking Scheme – SUBJECT[TITLE][THEORY]

Q.NO.	Answers	Marks (with split up)
1.	PHY	
2.	CHE	
3.	CHE	
4.	Processes essential to run the maintenance jobs in an organism or any related Saprophytic nutrition Parasitic nutrition	1 ½ ½ (2)
5.	Carbon dioxide is essential for photosynthesis Absorb carbon dioxide	1 1 (2)
6.	PHY	
7.	PHY	
8.	PHY	
9.	PHY	
10.	CHE	
11.	CHE	
12.	CHE	
13.	Provide efficient supply of oxygen to the body Essential for maintenance of constant body temperature Cellulose digestion is difficult and take longer time Meat is easier to digest  OR All the cells are not in direct contact with the surrounding Diffusion alone will not meet the requirement of all the cells Multi cellular organisms needs a transport system Or explanation of related points	1 1 ½ ½  1 1 1 (3)
14.	Leaked out from capillaries form tissue fluid Similar to plasma contain WBC and less protein Taken into lymph capillaries and lymph vessels Open to a vein Carries digested fat , defense ,maintenance of blood composition or any one	½ ½ ½ ½  1 (3)
15.	Three steps . Page no 96	1x3 (3)
16.	PHY	
17.	PHY	
18.	CHE	
19.	CHE	
20.	a) Nasal passage b) Diaphragm	½ ½

	c) Large intestine d) Small intestine 2. Emulsification by bile Action of lipase present in the pancreatic juice (explanation ) 3. Presence of cartilaginous rings	½ ½ 1 1 1 (5)
21	1. Diagram any three labeling  2. Gastric gland secretion in the stomach contain dil .hydrolic acid make acidic medium Bile juice from the liver make the small intestine basic essential for action of pancreatic enzymes  OR 1 a) Aerobic respiration produce carbon dioxide water and energy in the mitochondria b) Anaerobic respiration produce ethyl alcohol in yeast c) Lack of oxygen produce lactic acid in the muscles 1 Large surface area, thin membrane, bunch of capillaries surrounding ( any two)	1 ½ 1 ½  1  1 (5)   1 1 1 1 1 (5)
22	PHY	
23	PHY	
24	CHE	
25	CHE	
26	Guard cells , stomata , chloroplast , nucleus or any two  OR Safranin Any precaution	1 1  1 1 (2)
27	Chloroplast , chlorophyll	1 1 (2)