

CHOITHRAM SCHOOL MANIKBAGH INDORE**CLASS X Session: 2018****Subject: Science****Assignment No: II****Allotment Date: 06/07/2018****Submission Date: 15/07/2018**

S.No	QUESTION	MARKS	LEVEL
	OBJECTIVE TYPE		
1.	Draw the electron dot structure of carbon dioxide molecule.	1	Knowledge
2.	How will the path of a ray of light will change if it travels from air to water. Explain.	1	Understanding
3.	Differentiate between the enzymes pepsin and trypsin	1	Hot
	SHORT ANSWER TYPE I		
4.	What are villi? In which part of alimentary canal are these villi found? Write their function/s.	2	Knowledge
5.	State two conditions of no refraction.	2	understanding
6.	Name the type of mirror used in- i. Head lights of a car ii. Rear view mirror of vehicle iii. Solar furnace	2	logic
7.	Write the next higher homologue of the following : (i) C ₃ H ₆ (ii) C ₅ H ₈	2	Hot
	SHORT ANSWER TYPE II		
8.	a. In plants, direction of diffusion of respiratory gases depends on need and the environment. Justify b. Why do fish breathe at a faster rate than the terrestrial animal?	3	Understanding
9.	i. Why small intestine is longer in deer then in the lion? ii. What are saprotrophs? Give two examples. iii. Name a parasitic plant.	3	Multi conceptual
10.	What is the fate of glucose in any living cell? Explain	3	Understanding
	LONG ANSWER TYPE		
11.	Explain the process of extraction of a metal from its sulphide ore and carbonate ore, which is in the middle of the reactivity series. Give chemical equations.	5	Logic
12.	Refractive indices of few media are given below- Water-1.33 Crown Glass-1.52 Rock salt- 1.54 Ruby-1.71 Diamond-2.42 Give example of- 1) a medium pair so that light speeds up when it travels from one media to other. 2) a medium pair so that light slows down when it travels from one media to other.	5	Hot