

CHOITHRAM SCHOOL MANIKBAGH INDORE

CLASS X Session: 2018-19

Subject: Science

Allotment Date: 24/08/2018

Assignment No: 3

Submission Date: 03/ 09/2018

S.No	QUESTION	MARKS	LEVEL
OBJECTIVE TYPE			
1.	What will be the action of the following substances on litmus paper? Dry.HCl gas, Lemon juice, Curd, Soap solution.	1	Knowledge
2.	Draw a well labeled diagram of path of ray of light passing through a rectangular glass prism.	1	Understanding
3.	Name the two major components of normal human urine.	1	hot
SHORT ANSWER TYPE I			
4.	a. What are the components of conducting tissues found in plants? b. What forces drive water absorption in plants?	2	knowledge
5.	What is Hypermetropia? How it can be corrected?	2	understanding
6.	How are we able to see nearby as well as distant objects clearly?	2	logic
7.	In one of the industrial processes used for manufacture of sodium hydroxide, a gas X is formed as by-product. The gas X reacts with lime water to give a compound Y which is used as a bleaching agent in chemical industry. Identify X and Y giving the chemical equation of the reactions involved.	2	Hot
SHORT ANSWER TYPE II			
8.	Draw a diagram of human excretory system and label a. Structure that store urine. b. Structure that produces urine Write the two major function of kidney.	3	understanding
9.	Explain how food is translocated in plants?	3	Analysis
10.	Explain the mechanism of Excretion.	3	understanding
LONG ANSWER TYPE			
11.	a) Identify the compound X on the basis of the reactions given below. Also, write the name and chemical formulae of A, B and C. <div style="text-align: center;"><p>Compound 'X' + Zn → (A) + H₂(g) Compound 'X' + HCl → (B) + H₂O Compound 'X' + CH₃COOH → (C) + H₂O</p></div> b)What happens when hydrochloric acid is added to egg-shell?	5	Logic
12.	i.A person wants to read a book placed at 20cm whereas near point of his eye is 30cm. Calculate the power of the lens. ii. What happens to image distance in the eye when we increase the distance of the object?	5	Hot