

CHOITHRAM SCHOOL MANIKBAGH INDORE**CLASS IX Session: 2017-18****Subject: Science****Allotment Date: 21/07/2017****Assignment No: I****Submission Date: 27/07/2017**

S.No	QUESTION	MARKS	LEVEL
OBJECTIVE TYPE			
1.	Define sublimation.	1	Knowledge
2.	If a body is moving on a circular path with constant speed, will the motion be accelerated or not? Justify.	1	Understanding
3.	Justify the term Integrated farming in reference to fish farming.	1	hot
SHORT ANSWER TYPE I			
4.	State why micro and macro-nutrients are called so? Also name them.	2	knowledge
5.	Which would require a greater force- accelerating a 2kg mass at 5m/s^2 or a 4kg mass at 2m/s^2 ?	2	understanding
6.	Give reasons- 1. A person jumping out of speeding train may fall forward. 2. Use of seatbelts protects us from injury during any accident.	2	logic
7.	Why is ice rubbed on a burnt part of the skin?	2	Hot
SHORT ANSWER TYPE II			
8.	i) Explain three ways by which insect pests attack the plant. ii) Describe the benefits of organic farming.	3	understanding
9.	Differentiate between- a) Intercropping and Crop rotation b) Compost and Green Manure	3	Multi conceptual
10.	Sanjeev went to attend a wedding reception with his grandfather. There was a good variety of food items. He tasted many items and left many in the plate. This was also done by many guests attending party. His grandfather drew his attention to the amount of food wasted in this manner. i) Why was grandfather concerned about the wastage of food? ii) What steps you can suggest to ensure food security? iii) Write any two values reflected by grandfather.	3	Value based
LONG ANSWER TYPE			
11.	i) How does evaporation causes cooling? ii) Mention three differences between evaporation and boiling?	5	Logic
12.	1. When we push a massive truck, it does not move. A student justifies that forces of action and reaction cancel each other. Comment on this logic and explain why the truck does not move. 2. A feather of mass 10g is dropped from a height. It is found to fall down with a constant velocity. What is the net force acting on it? Explain.	5	Hot