

CHOITHRAM SCHOOL MANIKBAGH INDORE

CLASS XI Session: 2018-19

Subject: Biotechnology
Allotment Date: 07/12 /2018

Assignment No: III
Submission Date: 16/12/2018

S.No	QUESTION	MARKS	LEVEL
	OBJECTIVE TYPE		
1.	What are lipids?	1	Knowledge
2.	Why DNA possess strong negative charge?	1	Understanding
3.	Why are amino acids amphoteric in nature?	1	hot
4.	Compare A form, B form and Z form of DNA	2	knowledge
5.	Why nitrogen fixation is related to organic farming?	2	understanding
6.	Why sucrose is non reducing sugar?	2	logic
7.	Protein has important bearing on its function in health and diseases. Why?	2	Hot
8.	Discuss in detail the building block of carbohydrates..	3	understanding
9.	What is the fate of pyruvate in aerobic organism? Name the pathway. Also explain why this pathway is called amphibolic pathway.	3	Multi conceptual
10.	Highlight the various properties of enzyme. Enlist few values that enzymes teach us.	3	Value based
11.	Why some plant show Kranz anatomy of their leaves? How CO ₂ assimilation does take place in those plants?	5	Logic
12.	How can you account for the following_ a) Why sometime cramps develop when athletes is running faster? b) Animals cannot carry out the net conversion of CO ₂ into glucose. c) Enzymes have enormous catalytic powers d) Dark reactions used to refer for CO ₂ fixation.	5	Hot