

CHOITHRAM SCHOOL MANIKBAGH INDORE

CLASS XI Session: 2017-18

Subject: Biotechnology
Allotment Date: 07/07 /2017

Assignment No: I
Submission Date: 14/07/2017

S.No	QUESTION	MARKS	LEVEL
OBJECTIVE TYPE			
1.	Who is father of biotechnology?	1	Knowledge
2.	Which was the first recombinant product produced and marketed in India.	1	Understanding
3.	What is test cross?	1	hot
4.	Explain interdisciplinary nature of biotechnology.	2	knowledge
5.	What is the contribution of India in the field of biotechnology globally?	2	understanding
6.	Red flower of <i>mirabilis jalpa</i> is dominant over white than why do progeny have white flowers?	2	logic
7.	Biotechnology is practiced from 18 th century. Justify	2	Hot
8.	Define following terms 1. Gene 2. Allele, 3. Homozygous and heterozygous, 4. Phenotype and Genotype	3	understanding
9.	Write the applications of biotechnology.	3	Multi conceptual
10.	Why we use various sterilization practices in biotechnology lab. What value do these practices impart?	3	Value based
11.	Explain blood group inheritance? Why it does not follow Mendelian genetics? Why AB ⁺ can receive blood from all but can donate blood to AB ⁺ only?	5	Logic
12.	Explain in detail the Mendel's Laws of inheritance?	5	knowledge