

**Maharshi Patanjali Vidya Mandir, Allahabad**  
**Syllabus : 2017- 2018**  
**Subject : Biotechnology**  
**Class - XII**

**1<sup>st</sup> TERM:-**

Chapter 1 (Recombinant DNA Technology)

Chapter 4 (Microbial Cell Culture and its application)

Chapter 5 (Plant Cell Culture and applications)

Chapter 6 (Animal Cell Culture and applications)

**2<sup>nd</sup> TERM**

Chapter 3 (Genomics and Bioinformatics)

Chapter 2 (Protein Structure and Function)

1<sup>st</sup> Term Test – Recombinant DNA Technology

Half Yearly – 1,4,5,6 (determination of cell line)

1<sup>st</sup> Pre-Board - all chapters

2<sup>nd</sup> Pre-Board - all chapters

ASSINGMENT :- To visit any pathology lab and to perform an experiments related to biotechnology and make a report.