**Printing Page(s): 1** Paper Code: DMS-220 Roll No. **MBA-13** 2<sup>nd</sup> Year Examination, Calendar Batch 2016 **Advances in Pharmaceutical Sciences** Time: 3 Hours ] [ Max. Marks : 100 *Note*. Attempt any *Five* questions. All questions carry equal marks. Describe the process of DNA Cloning? **Q.1** Explain the importance of Biotechnology in the development of Biomedicinal **Q.2** Products. Describe the importance of Biotechnology in the development of new drug Q.3 molecules? What do you mean by Transformation. Explain Logarithmic Transformation **Q.4** What is Bioinformatics? Write down the aims and sources of Bioinformatics. Q.5 Define Patents. Write in brief about various types of Patents. Q.6 What do you mean by Outlier? Write down the applications of Transformation. **Q.7** Explain Analysis of Variance. How will you interpret data using one-way ANOVA? **Q.8**