**BSc 6th Semester Sessional Examination 2021**

**B.B.K. College, Nagaon, Barpeta**

**Sub: Zoology (Major)**

**Paper-6.4 (Biotechnology, Bioinformatics and Computer Application)**

**Total Marks: 15**

**Time: 1 hour (11.00 am to 12.00 noon)**

**Date: 10-08-2021**

**Mode: Online**

**Answer *any three* questions from the following**: 5 \* 3 =15

1. Write down various enzymes along with their function used in genetic engineering.
2. Discuss about the role of various Restriction endonucleases in biotechnology
3. Write down basic requirements of genetic engineering
4. What is animal cell culture? What are the advantages and disadvantages associated with animal cell culture.
5. Write short notes on (any 2)- UNIX, DOS, Windows, DNA Ligases