

Jan-21

# BLDE (DEEMED TO BE UNIVERSITY)

Pre – Ph.D. Course Work Examination

Paper II: BACKGROUND PAPER (ANATOMY)

QP CODE - 6008

Duration: 1 ½ Hrs.

Max Marks: 50

**I** Answer the following

5 x 2 = 10 Marks

1. Type 2 Diabetes
2. Bone Marrow Index
3. Genes are involved in Type 2 Diabetes
4. DNA and RNA
5. Mitosis

**II** Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Etiology of Type 2 Diabetes
7. Causes of Type 2 Diabetes
8. Non Mendelian Pattern of Genetic Inheritance
9. Agarose Gel Electrophoresis
10. Mutations

**III** Answer ANY TWO of the following

2 x 10 = 20 Marks

11. Role of Molecular genetics in Medicine
12. Gene Expression
13. PCR