

## Quarterly Exam

**Class- B.Sc. (BT) III<sup>rd</sup> Year**

### Subject-Chemistry

**Paper I<sup>st</sup> - Physical Chemistry (P-I)**

1. Photochemistry

**Paper II<sup>nd</sup> - Inorganic Chemistry (P-II)**

1. HSAB theory

**Paper III<sup>rd</sup> - Organic Chemistry (P-III)**

1. NMR

### Subject-Botany

**Paper I<sup>st</sup> - Plant Physiology and Biochemistry (P-IV)**

1. Structure, classification and function of proteins

**Paper II<sup>nd</sup> - Cell Biology, Genetics and Biotechnology (P-V)**

1. Variation of chromosome structure

### Subject-Biotechnology

**Paper I<sup>st</sup> - Molecular Biology & Genetics Engineering (P-VI)**

1. DNA Replication

**Paper II<sup>nd</sup> - Applied Biotechnology (P-VII)**

1. Vaccine

## **Half Yearly Exam**

**Class- B.Sc. (BT) III<sup>rd</sup> Year**

### **Subject-Chemistry**

#### **Paper I<sup>st</sup> - Physical Chemistry (P-I)**

1. UV Spectroscopy

#### **Paper II<sup>nd</sup> - Inorganic Chemistry (P-II)**

1. Silicones and phosphazenes

#### **Paper III<sup>rd</sup> - Organic Chemistry (P-III)**

1. Amino acid

### **Subject-Botany**

#### **Paper I<sup>st</sup> - Plant Physiology and Biochemistry (P-IV)**

1. Pentose phosphate pathway in respiration

#### **Paper II<sup>nd</sup> - Cell Biology, Genetics and Biotechnology (P-V)**

1. Linkage analysis and interaction of genes

### **Subject-Biotechnology**

#### **Paper I<sup>st</sup> - Molecular Biology & Genetics Engineering (P-VI)**

1. Plasmids types properties and cloning vectors

#### **Paper II<sup>nd</sup> - Applied Biotechnology (P-VII)**

1. Fermentation technology