Supplementary Exam

Class- B.Sc. (BT) IIIrd Year

Subject-Chemistry

Paper Ist- Physical Chemistry (P-I)

- 1. Describe Molecular orbital theory? आण्विक कक्षकसिद्धान्तकावर्णनकरे
- 2. What is Raman Spectrum? रमनस्पेक्ट्रमक्याहै।
- 3. Explain about Grothus Draper law? प्रकाशरसायन के ग्रोथसङ्गेपरनियम समझाइए।

Paper IInd- Inorganic Chemistry (P-II)

- Describe HSAB theory? HSAB सिद्धान्तकावर्णनकरे।
- 2. What is Silicones & Phosphazenes? सिलिकान्स एवंफास्फाजीन्सक्याहै।
- 3. Explain in organic polymer? अकार्बनिकबहलकको समझाइए।

Paper IIIrd- Organic Chemistry (P-III)

- Describe NMR Spectroscopy ? NMR स्पेक्ट्रोस्कोपीकावर्णनकरे।
- 2. What is Carbohydrates. Explain its Classification and Reaction? कार्बोहाइड्रेटक्याहै।इसकेवर्गीकारण एवंअभिकियाए को समझाइएं।
- 3. Explain Organo-metallic compounds? कार्बधिन्विक यौगिकक्याहै।

Practical Topic: - For Practical Examination of Chemistry.

- 1. Find out do value of given water sample?
- 2. Synthesis of Asprin?

Subject-Botany

Paper Ist- Plant Physiology and Biochemistry. (Botany) (P-IV)

- Describe Structure of Chloroplast? क्लोरोप्लास्ट के चित्र काविस्तृतवर्णनदीजिए।
- 2. Explain about Opening and Closing stomata? स्टोमेटा के खुलने व बन्दहोने की क्रियाविधि समझाइये।
- 3. What is lipid and its classification? लिपिड क्याहैऔरउसकावर्गीकरणदीजिए।

Paper IInd- Cell Biology, Genetics and Biotechnology. (Botany)(P-V)

- Explain about Molecular Structure of DNA?
 DNA के आण्विकसंरचनाकोविस्तार से समझाइये।
- 2. Describe Dihybrid cross in f_1 to f_2 Generation? द्विसकरणकास f_1 पीढ़ी से f_2 पीढ़ी मेंकरने की कियाविधि समझाइये ।
- 3. Difference between Prokaryotic & Eukaryotic cell? प्रोकेरियोटिकऔर यूकेरियोटिककोशिकामेंक्याअतंरहैं।

Practical Topic:- For Practical Examination of Botany.

- 1. Structure & function of Mitochondria?
- 2. Types of Chromosome variation?

Subject-Biotechnology

Paper Ist- Biophysics and Biochemistry. (P-VI)

- 1. Law of Thermodynamics.
- 2. Carbohydrates.

Paper IInd-Bioinstrumentation, Biostatistics and Bioinformatics. (P-VII)

- 1. Centrifugation Techniques.
- 2. Basic Bioinformatics.

Practical Topic: - For Practical Examination of Biotechnology.

- 1. Spectrophotometer.
- 2. Carbohydrate estimation.

Name of Exam.: B.Sc. (BT) / B.Com. (CA) III Year Supplementary Exam.

Subject: आधार पाठ्यक्रम Paper: I - हिंदी भाषा

असाइनमेंट का शीर्षक

बघेलखंड की लोक कला

अथवा

सारांश का संस्मरण 'सहयात्री मेरे'

Name of Exam.: B.Sc. (BT) / B.Com. (CA) III Year Supplementary Exam.

Subject: Foundation Course
Paper: II - English Language
Assignment Topics

Critical appreciation of the poem 'Stopping by woods

on a

snowy evening'

Or

Summary of the story 'The axe'

Name of Exam.: B.Sc. (BT) / B.Com. (CA) III Year Supplementary Exam.

Subject: Foundation Course

Paper: III - Computer Awareness

Assignment Topics

पी प्रकार विभिन्न के .सी.

Different types of PC's

/ अथवाor स्टोरेज डिवाइस के प्रकार

Types of storage devices