Lesson Plan B.A/BSc. IIIrd Year.

Paper - Groups and Rings
Session - 2023 - 2024

July-

week IV   Definition of group, Its type, Binary operation addition modulo 'm' and multiplication modulo 'm'

August →

week Ist   order of an element Its theorms & Example.

week IInd — do —   do —   — do —

week IIIrd   Difinition of subgroup and Its theorm, Intersection and union of subgroup

week IVth — do —   do —   do —

September

week Ist   cyclic group and its Example, theorms Euler's (φ) function Its Example & theorms.

Week IInd   Homomorphisms of Group and Fundamental. theorm on homomorphism of group

week IIIrd   do —   do —   do —   do—

week IVth   Automorphism of a group and Example & theorm

October

week Ist   center of a group, Normalizer, centerlizer of a group & Its theorms & groups

week IInd — do —   do —   do—

B.A/ B.Sc. IIIrd Year

Paper- Group and Rings.

October

week-3   Definition of Rings its type Its theorms & Its
          Example.

Week-IVth Definition of Field Its type, Its theorms & Its
           Example.

November

week -1   Definition of ideal and Its theorms, Principle.
          ideal and Principle ideal Domain.

Week IInd   do ——— do ——— do ————

Week IIIrd   Defination of Euclidean ring and its type

Week IV   Principle ideal domain and Its theorms.

          * Revision and unit test