**Syllabus :**

**1-** Group , definition and examples explain it .

**2-** Some important theories on group and properties of its .

**3-** Important group , symmetric group , group of integer number modulo n (i.e. Zn) .

**4-** A belian group .

**5-** Cyclic group .

**6-** Subgroups .

**7-** Centre of group .

**References :**

**1-** Introduction to modern algebra by David Burton .

**2-** Group theory by M.Suzuki .

**3-** A first course in abstract algebra by J.B.Fraleigh .

**4-** نظرية الزمر تأليف د. باسل عطا و د. عادل غسان .