Page # 0] Sets Defination: A set is a collection of well defined objects which are distinct from each other Examples The collection of first five prime number is a set containing the element (i) Presentotesale.co.uk (i) Preview from of 12 (i) Preview pagen: 2,3,5,7,11. a sets is described by listing element separated by comas. and enclose them by curly bracket Example: P= 32, 3, 5, 7, 11/2 Rule: order of element in a matter does'nt matter.

Page #08 H 2 3 5 7 1 Venn diagram Operation on sets. Union of two sets: AUB= Zx: XEA OX XEB3 Example: A===== 2,33, B=====2,3,43 Preview from Notesale.co.uk AUB = 31,2,3,43 eview from 12 intersaction of two sets: ANB= Ex: XEA and KEZ Example:  $A = \{1, 2, 3\}, B = \{2, 3, 4\}$ ADB = 32, 33 - Alter and ADB. 11