Types of relations: -> Relation consists of following different types: (i) Unary (ii) Binary. Avery Ax Ax Ax (iii) Tanary. (iv) n-ary. (i) Unary Relation: -> Having only one set: i.e; $A = \{1, 2, 3, 4\}$ (ii) Binary Relation: + Having two different sets and

their cartesian product. i.e. $A = \{1, 2\}$, $B = \{1, 2, 3\}$.

R,={(1,1),(1,2)} = AXB. R2=2(1,3),(2,3) = AXB

(iii) Tunary Relation:

-> Having three different sets and their ternary relation as cartesian product. i.e:

A= {1,2,33,B= {2,5,63,C= {4,5,7}. $R = \{(2,5,5), (3,2,5), (2,2,4)\}$ E AXBXC,

(IV) n-any Relation: > Having more then three sets and their cartesian product. i.e: A, XA2 XA3 X --- XAn. TE SALES (SECTION)