- 1. Informal anglish descriptions
- a. Set of odd numbers starting from 1 onwards .
- b. Set of even numbers, zero and it also includes positive and negative. less than 5
- c. Set of integers that are muchples of 2 Note the symbol N, the difference between natural numbers and integers,
- d. Set of integers that are multiples of 2 and 3 /
- e. Binary Elrings that read the same forwards and backward
- f. Its an empty set ~
- 2. a) {1,10,1003 b) {nin ∈ ₹, n>53
  - () {n/n EN/n <5} d) {"aba" } e) {""} (empty strong)
    b) {} (empty set)
- 3. a) No b) Yes c) AUB = (x,y,z y d) A∩B= (x,y y
  - e) AxB = {(71,2), (x,y), (y,y), (z,x), (z,y)} (y.x)?
  - b) Pomer Set of B = {{\}}, {\x\}, {\y\}, {\x\}, {\x\}
- 4.).)a\*b elements @50 2° elements (power set of c)
- (6) a) € b) f is X = {1,2,3,4,5} and range of f is the set of Values that f maps elements of X to, which is {6,7}.
  - @ g(2,10) w &
  - @ somain of g to XXY, range = (6,7,8,9,103.
  - € 8<sub>√</sub>
- ( ) Flation
- 8) @ Relationship of sublings @ 9 am enrolled in more than
- (9) Function /
- (10) @ numbers dumbers dumbers
  - (b) Set of ever no and numbers duringle by 2
  - @ near number between 3 and 4 and 4 and 5, here meraction is &13 (finite)