Borris Ayyıldız 1901042252 CSE 211-502 Firmi Exam

I hereldy pledge on my honor that I will strictly adhere to aradomic integrity codes and the work done on this examination is solely my anybody or own and I will not receively: ve any help from 140 some any this examination. a) Group = monoid + invertable = semigroup + neutral element t was table Grap is donated like (A, *) set operator - The operator & must associative and distributive set -> There should be an identity element in the set b) A ring is denoted like (R, +) + peronter must be commutative under this set (Abelian group for (F) AIt is not least moroid for the operator & And it is linked by distributive property PICEX: ar (br)= (arb) + (arc) () Group -> (2,+), Integers under addition reing) (P,+,x), Real numbers under addition and muliplication (R,x) - is not a group, because it is not invertable ter 0 '20 14 is would CamScanner ile tarandı

d) Defo of Lattice: In a POSET, if for every poin of elements have a least upper bound and greatest lower bound then it is tattice 1+315 lattice. Because Hasse Diagram : for every poin greatest ta the tirst lower bound is 10 elements greatest commen divisor. And the least upper board is KEKOKZ (I don't know what it is in Inglish) For (3.5) $\frac{31b}{9} = 15$

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