upper and Longs borrd

 $R \leq$

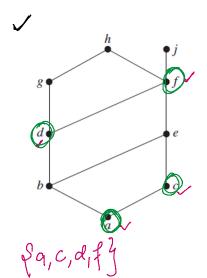
Lee A be the short of the poset (S,R)

If u is the elevent of the set S such that a Ru for all a EA.

Hen u is called the upper bound of A.

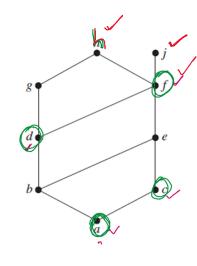
If his the elevent of the self of such stat lika for all a E A.

then his called the Lords bond of A.



Find the lower and upper bounds of the subsets $\{a, b, c\}$ $\{j, h\}$, and $\{a, c, d, f\}$ in the poset

upper bords $\frac{1}{2} \int_{a}^{a} f(x) dx = e, f, f, h$



A = \$9,c,d,ff akj

uppubord= &j,h,fg ckj

akj

akg

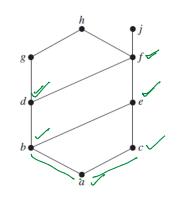
cka

cka

dkg

akf

arf crf drf fr



1) A = {9,6,6}

Lora Gord
= { a }

lka RR C

Lorer bonde = Sj,d,e,b,c,a}