```
J (d)
 (17) hi = Atlention (QChi , Kih, Vih,)
        = I (softmar; (Q'h! , k'h;)V'h;)
  (15) can be

hi = 9(1/hi) ; [(Vh)).)
 in this case, we can write Wijas
        wij = softmax; (Qlhi klhil)
 · then (17) could be written as
    hi = Zwij (Vhj) = W(ht) T Z (Vhj)

JENUI)
       which is a special case for (15)
e) This is because for fully-connected graphs,
number of edges in the graph scales quadratically
noth the number of nodes. So for sentence
with n words, the Transformer / GNN will compute
p. the computation will be published.
```