- Graph theory & Barsic Definitions and
Messems 8-
Deft A graph G= (Y,E) consist of a
7 Defy & graph G= (Y, E) consoned Nodes) and
set y by vertices con
a set E d'edgerso
(2)-> Pf an edge connected to a vertex
2)-7 Pf an edge connected to the verter we way the edge Pos Pricident to the verter way an endpoint
and Chay the vertex is an endpoint
and May the year
edge.
11. xolationship
o - incident describers the relationship
6/w and redge and
Cold Depth State of D
the edge "whakeas hands" (is incident)
with both of its ends points vertices.
ex 2: C
A-B
ext. A-c is incident to A and C.
(3) It an edge has only one endpoint
then it is called a loop edges.
then It is caucife a coop egges
er A-A
AC

fuo as more ecleens have the Coderots multiple called or parallell 100 vertices that 960 joined are called adjacent 6K8and and are adjacent edge) OB and C 980 connected by an edge are Not adjacent (no direct Declant Vertex Pos Vertex that Connected exactly one other restex a osingle ex8pedant Ps Vedex only connected to c Pendant 9 rester ( only connected toB) RS Pendant Yestex Lonly connected to B o B and are yet pendant becore they have Multiple connections.







