Walk:- no edges are repeated..

Path:- no edges and vertices are repeated...

Circuit:- path in which only initial and the final vertices are repeated only....

Hamiltonian Path:

Hamiltonian path not line...

a closed walk having no vertices repeated i.e. =>simply a path

in which all the vertices are covered but not necessarily all the edges.

.

Hamiltonian circuit:- circuit having above property..



Property=> there are (n-1)/2 number of edge disjoint Hamiltonian circuit

having n vertices in COMPLETE GRAPH only...

Euler Graph: Euler Line=>

a closed walk => walk i.e. vertex may repeat

in which all the edges must be covered not necessarily all the vertex .



property=> all the degrees must be even.. for a graph to be euler ...