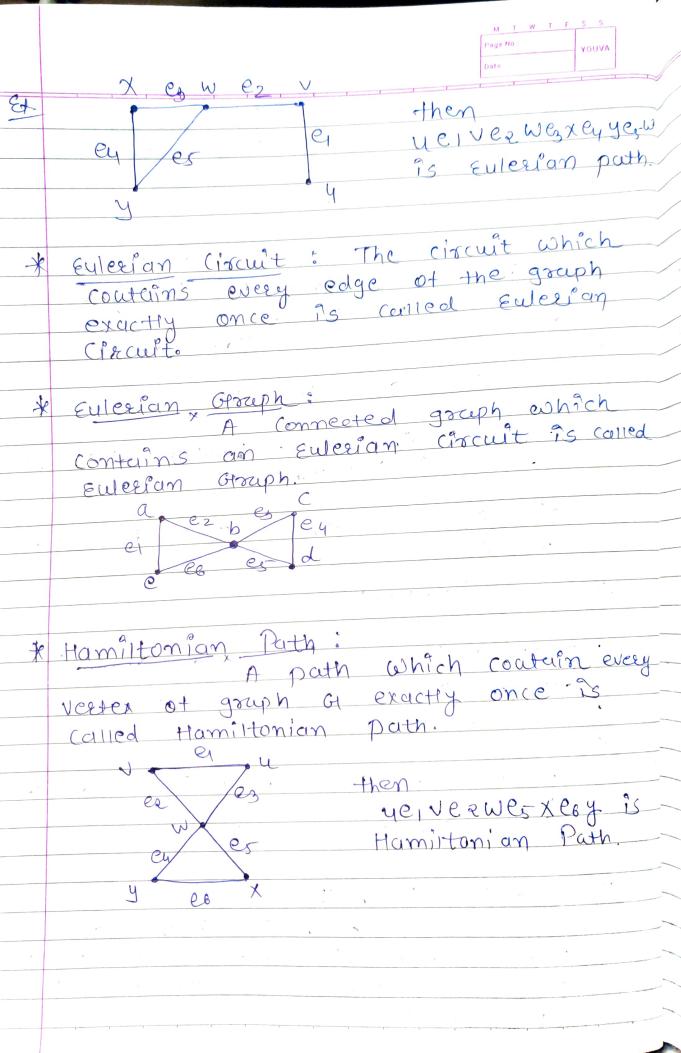


* length of walk : The number of edges is called length of walk * closed and Open walk: A walk is said to be closed it its origin and terminous vertex (Vo = Vn) is equal. otherwise it is called open wall Jengerodent is closed ware * Trail: Any walle having different edges is called Trail. * Circuit: A closed Truil is called Circuit a cifeiigegbera. * Path -: A walk is called path if all vertices are not repeated. aezbeycesgentera. * cycle: A closed path is called cycle Ge 109 et d 6 e C 13 f C 19. * Eulerian Path: A path is known as Eulerian path if every edge of the graph of appears exactly once in the path.



* Hamiltonian Circuit: A circuit that Passes through each of the vertices in a group of exactly one vertex the sturring vertex vertex is called Hamiltonian & end rixcuit U then ue, vey xegger wegy is Hamiltonian Circuit ucives we xe ge, we' is not Hamiltonian Circuit. - because w vertex repeat Humiltonian , Graph ? connected Grouph which Contain Hamiltonian Circuit is Called Hamiltonian Grouph is Hamiltonian Crouph er-2 is not Hermiltonian Graph,

	Page No.
*	Orsuph Coloring:
*	Painting all the vertices of a graph with colors such that no two adjacent vertices have the Game Color is called Coloring at a graph. PR R R R R R R R R R R R R R R R R R R
	The jeast number of colors
E.J.	required for coloring of a graph CH is called its chromatic number P R 3-Chromatic 2-Chromatic Number Chraph
o	Roy 4- Chromatic Number.
Note	The chromatic number of graph of is denoted by $X(\omega)$.

