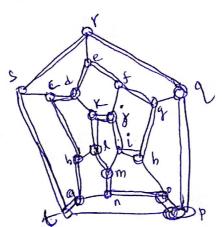
## Lab 11. Q.3. Solution

A hamiltonian yell of an undirected graph G = (V, E) is a simple cycle that contains each vertex in V. The decision of finding whether a graph G has hamiltonian cycle or not is rep-complete.

The given dodecahedron has a hamiltonian Graph }
The given dodecahedron has a hamiltonian cycle
Thorn by = edges.



Thus, the Cycle tabadefghijklmnopgrst is a hamilforijan cycle.