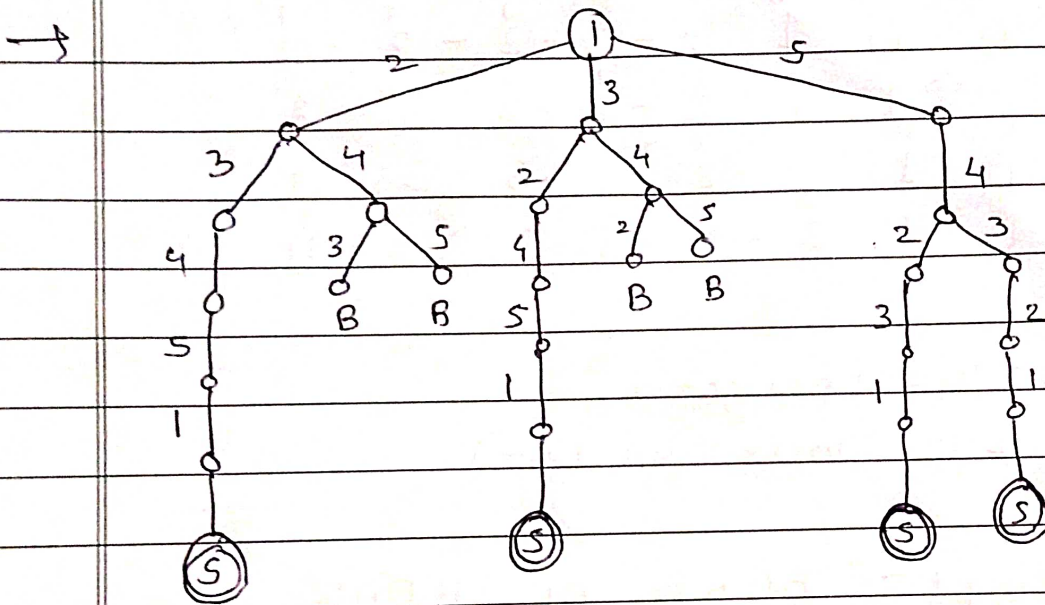
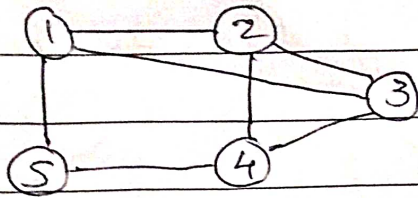


Q8 Find Hamiltonian cycle for the following graph



$$S_1 = 1 - 2 - 3 - 4 - 5 - 1$$

$$S_2 = 1 - 3 - 2 - 4 - 5 - 1$$

$$S_3 = 1 - 5 - 4 - 2 - 3 - 1$$

$$S_4 = 1 - 5 - 4 - 3 - 2 - 1$$