

What kind of graph would be used for the following problems? Choices are Euler circuit, Hamiltonian circuit, spanning tree, and digraph.

1. Scheduling the route of the UPS driver who has to pick up packages from 12 different offices in a city.
2. Scheduling street cleaners who have to clean all the streets in a city.
3. Scheduling the maintenance of a bus that has returned to the bus terminal and that has to be ready to return to service as soon as possible.
4. Hooking up all the cell phone towers in a county so that each tower is able to communicate with every other tower.
5. Scheduling a visit to Disney World, where you want to go on as many rides as possible in the shortest time possible.
6. Assembling a toy that has many parts.
7. Scheduling the route of a garbage collection truck that has to visit all the houses in a neighborhood.