

Section 5,

Ans 01

Various type of Collection Systems employed for

house to house, :-

The based on their mode of operation, collection systems are classified into two categories hauling container systems and stationary container systems,

- ① Collection Routes
- ② layout of routes
- ③ Schedules
- ④ Transfer and transport
- ⑤ transfer station

Type of Collection.

- ① Refuse Collection System → House hold waste remove from the home.
- ② Commercial waste Collection → Commercial waste remove primarily using dumpster
- ③ Recyclable material Collector :- Collection of recyclable materials, separated at the source of generation

Automated Collection : without on street parking
low hanging wire no road
street

City run Collection : \Rightarrow City own. and operates all equipment.

Private Collection : \Rightarrow City give contract to firm
as a set fee. based on bidding
process.

The merits of Collection System : \Rightarrow there are
various merits of collection of solid waste

- 1) municipalities tends to be less efficient than private companies
- 2) Capital expenditure can be difficult
- 3) may require passage of bond.
- 4) centralized operation
- 5) long term lower cost
- 6) Impose order on collection
- 7) lower cost cost due to improved routing and technology.

Demerits of each system. \Rightarrow there are various demerits of the main

solid waste collection are following

- 1.) many required passage of bond.
- 2.) Capital expenditure can be difficult.
- 3.) tendency to minimize short term spending, without considering long term implications.
- 4.) ~~mult~~ municipalities tends to be less efficient than private company.
- 5.) Difficult to compete with large haulers
- 6.) leads to domination by a few haulers
- 7.) citizens provides a profit to waste hauler.
- 8.) city can become overly depends.
- 9.) Required oversight by city