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Q.5 Describe the major - - - in Delhi?

A-5 The following are the major challenges concerning solid waste management in Delhi.

- 1) Infrastructure for segregation - effective system of waste segregation is required at appropriate stages i.e. source of waste generation, collection, transportation, processing and disposal.
- 2) Waste Management in unauthorised areas and slums - out of 1634 unauthorised colonies, only 932 colonies have sanitation related services. No bins are placed and no dhalaas exist in such areas. Littering & blockage of drains persists in these areas.
- 3) Waste generation on roadside by street vendors/hawkers - hawkers & roadside eateries generate garbage throughout the day & dump them on roadside. Poor vigilance & monitoring aggravates the problem.
- 4) Waste from fruit and vegetable markets - No in-house treatment of wet waste generated in fruit and vegetable markets including mandis.
- 5) Inventorisation of waste - No idea how much waste Delhi generates. Figures don't keep into account the quantum of garbage maintained or managed by the informal sector.



- 6) Optimisation / Increased participation of informal sector - Waste collectors / informal waste pickers are not authorized / registered yet. Local authorities should work with them to strengthen their collection systems.
- 7) Processing of mined waste - Local authorities must follow Rule 21(1) of SWM Rules and the NRT order dated 22/12/2016. These rules sets a standard for processing the mined waste in accordance with the calorific value of waste.
- 8) Grim status of dumpsites - All existing landfills have exceeded their capacities way back in 2008. No fire protection systems and no mechanisation to control the methane is present at these sites. Urgent need to promote decentralised processing systems and minimize the use of land for dumping garbage.
- 9) Availability of land - No appropriate land for processing and disposal of solid waste.
- 10) Public awareness and behaviour change - Lack of public awareness about sanitation & cleanliness of city. No aggressive campaigns or encouragement to keep the city clean.