

**End Semester Examinations - 2015-16 Even Semester - May 2016**

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**14CE2039 Solid waste Management**

**Set B**

**Time : 3 hrs**  
**Total Marks: 100**

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1. 1. Give a note on the following :
  - (i) Factors affecting generation of solid waste. (10)
  - (ii) Methods of sampling and characterization of solid waste (10)
- OR**
2. 2.(i) Explain the role of NGO's in solid waste management.
  - (ii) Justify the public awareness programs contribute to solid waste management?
3. 3. Elaborate various options available for solid waste storages and processing under Indian conditions. (20)
- OR**
4. 4. Summarise : Segregation of solid waste and the requirements and methods of separation of solid waste.
5. 5. Detail the role of transfer station in Municipal Solid Waste Management. (20)
- OR**
6. 6. Detail the methods being adopted in India for collection and disposal of refuse. What changes would you recommended in the methods, so as to make the process more hygienic and aesthetic, particularly for big metropolitan cities like Chennai. (20)
7. 7. Write short notes on the following :
  - (i) With neat sketches explain composting & its types. (10)
  - (ii) Shredding & pulverizing. (10)
- OR**
8. 8. Summarise :
  - (i) Resource recovery from solid waste. (10)
  - (ii) Re-use and Recycling of solid waste (10)
9. 9. Draw the layout plan of landfill, showing components , equipments used & pollution preventive measures. (20)

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**Wishing you All the Best**

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