



Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B

Coimbatore - 641 043, Tamil Nadu, India

Bachelor's Degree Examination – August 2020

VI Semester

Class : III UG

Time : 2 Hours

Major : Interior Design and Resource Management

Max. Marks : 50

15BIDC24 Principles of Waste Management

Part A

10 x 1 = 10

Choose the correct answer

- _____ waste is a type of hazardous waste that contains harmful material.
a. Radioactive
b. Recycle
c. Organic
d. Green
- _____ is the science and engineering involved in safely and efficiently tearing down of buildings.
a. Demolition
b. e-waste
c. Agricultural
d. Industrial
- _____ is a method of minimizing the input of energy to an overall system.
a. Energy recovery
b. Resource
c. Reprocessing
d. Biological
- is a site meant for the disposal of waste materials.
a. Landfill
b. reuse
c. recovery
d. reduction
- _____ is the process of converting waste materials into new materials and objects.
a. Recycling
b. Hierarchy
c. e-waste
d. Management
- The _____ is the action to reduce the amount of waste generated by households, and industry.
a. waste hierarchy
b. resource recovery
c. technology
d. disposal
- _____ is the introduction of contaminants into the natural environment that cause adverse change.
a. Pollution
b. Conservation
c. Rebuilding
d. Hazard
- Recycling revenue reduces the taxes and _____ the level of employment and investment.
a. reduces
b. increases
c. maintains
d. decrease
- In _____ the ministry released the Solid Wastage Management (SWM) Rules.
a.2016
b.2018
c.2020
d.2006
- Environment Protection Act aims to establish a sufficient _____ system for the environment.
a. protection
b. destruction
c. abolition
d. composting

Part B

3 x 6 = 18

Answer any **Three** questions

Each answer should not exceed 400 words or two pages

11. Give a short note on classification of waste .
12. Discuss the sources of waste.
13. Explain the process involved in land fill .
14. Write short note on composting and recycling.
15. Give a brief note on causes of solid waste management.
16. Discuss about the technologies adopted in waste management.
17. State the causes and effects of air pollution.
18. Discuss about the municipal well being.
19. Briefly explain a 3R's concept.
20. Explain the environmental considerations to be followed in waste management.

Part C

2 x 11 = 22

Answer any **Two** questions

Each answer should not exceed 800 words or four pages

21. Describe the types of waste.
22. Explain the need and concept of waste management.
23. Define waste minimization. Give a detailed account on reduction methods to be followed in waste minimization.
24. Describe biological reprocessing.
25. Enumerate on the principles of waste management.
26. What is waste hierarchy? Explain the life cycle of a product.
27. Give a detailed account on water and land pollution.
28. What is recycling revenue? Explain in detail.
29. Describe the planning and implementation of waste management.
30. Explain the need for education and training for effective waste management.