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MEV-053

**POST GRADUATE DIPLOMA IN
SOLID WASTE MANAGEMENT
(PGDWAM)**

Term-End Examination

December, 2025

**MEV-053 : ENTREPRENEURSHIP IN WASTE
MANAGEMENT**

Time : 3 Hours

Maximum Marks : 100

Note : (i) Attempt any **ten** questions.

(ii) All questions carry equal marks.

1. Define entrepreneurship and discuss its evolution over time. 3+7
2. Discuss the major entrepreneurial competencies identified by research and their role in business success. 10
3. Explain the concept of recycling and resource recovery in waste management. 10

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4. Discuss the key components of a waste management business model. 10
5. Elucidate the process of hazard identification and risk assessment in waste management facilities. 10
6. Explain the advantages of circular economy over the linear economy model. 10
7. Analyse the role of academia in promoting circular economy, principles and supporting business models. 10
8. Define Life Cycle Assessment and explain its importance in promoting sustainable development. 3+7
9. Discuss the role of circular economy in generating livelihood in the waste management sector. 10
10. Define Corporate Social Responsibility (CSR) and discuss its significance in waste management. 3+7

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11. What is Geographical Information System (GIS) ? Discuss its applications in environmental management. 5+5
12. Analyse the integration of GIS and Remote Sensing in waste management. 10

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