



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – Dip.CE-2022

Course Name – Solid Waste Management

Course Code - DCEPE501B

(Semester V)

Library
Brainware University
398, Ramkrishnapur Road, Barasat
Kolkata, West Bengal-700125

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Identify the type of solid waste generated primarily from households.
 - a) Biomedical waste
 - b) Domestic waste
 - c) E-waste
 - d) Industrial waste
- (ii) Select the category of waste produced by hospitals and healthcare facilities.
 - a) Institutional waste
 - b) Agricultural waste
 - c) Biomedical waste
 - d) Market waste
- (iii) List the type of waste that includes discarded electronic devices and components.
 - a) E-waste
 - b) Agricultural waste
 - c) Industrial waste
 - d) Commercial waste
- (iv) Identify the solid waste produced by manufacturing processes and factories.
 - a) Domestic waste
 - b) Industrial waste
 - c) Biomedical waste
 - d) Market waste
- (v) Identify the tool most commonly used for lifting and loading solid waste manually.
 - a) Broom
 - b) Shovel
 - c) Handcart
 - d) Litter Bin
- (vi) Identify the tool that is most effective for collecting litter in public spaces.
 - a) Shovel
 - b) Litter Bin
 - c) Handcart
 - d) Mechanical Road Sweeper
- (vii) Select the vehicle most appropriate for collecting waste in rural areas with poor road infrastructure.
 - a) Truck
 - b) Dumpers
 - c) Animal cart
 - d) Compactor vehicle

OR

Evaluate the influence of waste classification on solid waste management strategies. (5)
