

May 2024

BA(SW) Re-Appear - II SEMESTER
Waste Management in Daily Life (BSW-204)

Time: 3 Hours

Max. Marks:75

- Instructions:**
1. It is compulsory to answer all the questions (1.5 marks each) of Part -A in short.
 2. Answer any four questions from Part -B in detail.
 3. Different sub-parts of a question are to be attempted adjacent to each other.

PART -A

- Q1 (a) What do you understand by the term waste? (1.5)
 (b) Differentiate recyclable waste from non-recyclable waste. (1.5)
 (c) Give three examples of biodegradable waste. (1.5)
 (d) Why do you think that segregation of waste is important? (1.5)
 (e) Define Anaerobic digestion. (1.5)
 (f) Name any one earthworm commonly used in vermi-composting. (1.5)
 (g) What is the composition of biogas? (1.5)
 (h) What do you understand by the term "Primary Collection of Waste"? (1.5)
 (i) How many and which colored bins are used for storage of household waste? (1.5)
 (j) How is recycling of waste beneficial? (1.5)

PART -B

- Q2 (a) Classify waste on the basis of source of production. (10)
 (b) Differentiate hazardous waste from non-hazardous waste. (5)
- Q3 (a) Explain the types of vehicles are used for primary collection of waste? (5)
 (b) Explain the different factors on which composition on waste depends. (10)
- Q4 Define recycling. What are its types? Explain the steps involved in recycling process (15)
- Q5 Write short notes on any three (3x5)
 (a) Pyrolysis
 (b) Waste volume reduction
 (c) Refuse Derived Fuel
 (d) Composting
- Q6 (a) What are the harmful effects of e-waste and how e-waste can be they (10)
 managed?
 (b) Define E-waste. List the different types of e-waste with two examples of each (5)
 type.

Q7 Write short notes on any three

(3x5)

- (a) Open Dumping**
- (b) Sanitary landfill**
- (c) Best practices for waste management**
- (d) Diseases associated with waste handling**