

B.Sc. Semester-VI Examination, 2022-23**ENVIRONMENTAL SCIENCE [Honours]**

Course ID : 61817 Course Code : SH/ENV/604/DSE-4

Course Title : Solid Waste Management

Time : 1 Hour 15 Minutes

Full Marks : 25

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*1. Answer any **five** of the following questions:

1×5=5

- What is hazardous waste?
- What is the full form of RDF?
- Write two disadvantages of LCA technique.
- Define Incineration.
- What is Green Products?
- When Bio-Medical waste (Management and Handling)Rules was passed?
- Describe traditional landfill design.
- Write two effects of landfill leachate.

2. Answer any **two** of the following questions:

5×2=10

- How plastic waste can be managed?
- How anaerobic digestion can be occurred?
- Write down the waste management hierarchy.
- Describe some effects of industrial waste on air.

3. Answer any **one** of the following questions:

10×1=10

- Write the sources of biomedical waste. Describe the segregation process of biomedical waste.
5+5
- Briefly discuss the impacts of solid waste on environment and human life. What do you mean by cradle to grave approach?
6+4=10
