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Damietta University

(25 Mark)

- a- Explain the types and impacts of hazardous waste. (10 Marks)
- b- Discuss briefly the solid waste treatment processes. (10 Marks)
- c- Illustrate the anaerobic degradation of solid wastes. (5 Marks)

(20 Mark)

- a- Explain how we carry out the environmental legislations? (5 Marks)
- b- Discuss the types of medical waste? (5 Marks)
- c- Illustrate the criteria of a sanitary landfill. (10 Marks)

(20 Mark)

- a- Explain the environmental impacts of leachate. (5 Marks)

Faculty of Science
Environmental Sciences Department

First Term Exam 2024
Date: 22 January 2024
Time allowed: 2 hours

**Planning and Management of Solid Waste Disposal (Course Code: 401 Env.)
for Fourth Level of Environmental Sciences and Env. Sc. / Chemistry Students'**

Answer the Following Questions:

Total Mark: 90

- a- Explain the environmental impacts of leachate. (5 Marks)
- b- What are the factors affecting compost production? (5 Marks)
- c- Compare between the pyrolysis and incineration. (10 Marks)

Question [4]:

(25 Mark)

- a- What are the management operations of e-wastes? (5 Marks)
- b- Explain the system and stages of compost production. (10 Marks)
- c- What are the concepts of 3R and the ISWM? (10 Marks)

With Best Wishes

Examiner Prof. Talaat A. Hegazy