

B.Sc Semester-6 Examination

CC 307

Env. Science

April-2024

Time : 2-30 Hours]

[Max. Marks : 70

- Instructions:** (1) Draw figures where necessary.
(2) Show question number against each answer.
(3) Figures in right are marks.

Q.1 Explain ISO 14000 Environmental standards in detail (14)

OR

Q.1(A) Explain in detail SIA. (07)

Q.1(B) Explain environmental clearance procedure. (07)

Q.2 What is environmental audit? Explain in detail. (14)

OR

Q.2(A) Write note on Investment audit and cost audit. (07)

Q.2(B) Write the contents of environmental audit. (07)

Q.3 Write the sources and classification of hazardous waste. (14)

OR

Q.3(A) Write a note on physio-chemical processes to treat hazardous waste. (07)

Q.3(B) Explain the ways to manage leachate. (07)

Q.4 Write a note on different categories of bio-medical waste. (14)

OR

Q.4(A) Write a note on E-waste (Management and Handling) Rules, 2011. (07)

Q.4(B) Explain ways to handle and dispose biomedical waste. (07)

Q.5 Answer any **seven** out of twelve. (14)

A. What does audit mean?

B. What does matrix mean?

C. What does voluntary audit mean?

D. Describe the generation process of hazardous waste, highlighting key industries and activities that contribute to its production.

E. What are the sources and effects of e-waste and battery waste?

F. What is biomedical waste, and how is it defined according to legislation?

G. Define ISO.

H. Emphasise the importance of recycling and minimizing of waste generation?

I. Explain the process of segregation, transportation, treatment, and disposal of biomedical waste as mandated by the legislation.

J. In which year does India adopted EIA?

K. What is Ad-hoc method?

L. How can environmental sound technologies be utilized for the treatment and disposal of hazardous wastes.