

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

Q.1 Explain in detail SIA.

(14)

**OR**

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

(07)

Q.1(B) Explain methods for matrix and simple checklists.

(07)

Q.2 Write scope and objectives of environmental auditing and contents of EA report.

(14)

**OR**

Q.2(A) Write Hazardous waste audit and pollution audit.

(07)

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

(07)

Q.3 Explain air pollution modelling and air pollution effects.

(14)

**OR**

Q.3(A) Write a note on case study on Highways.

(07)

Q.3(B) Explain importance of energy impact analysis.

(07)

Q.4 Write types and steps of Socio-economic impact analysis.

(14)

**OR**

Q.4(A) Write alternatives and mitigation measures for wildlife conservation.

(07)

Q.4(B) Write EIA report on vegetation and wildlife impact analysis.

(07)

Q.5 Answer any **seven** out of twelve.

(14)

1. What is ISO 14000?
2. Define ISO.
3. What does Industrial audit mean?
4. How EIA is helpful to an organization?
5. Full form of WLIA and SIA.
6. What is scoping process?
7. Define environmental clearance certificate.
8. What is air quality modeling?
9. Permissible limit of Noise.
10. What is Ad-hoc method?
11. Which ISO standard describe depletion of ozone layer?
12. Which public service facility have an impact on vegetation and wildlife?