

Seat No. : \_\_\_\_\_

**SI-130**

**September-2020**

**B.Sc., Sem.-VI**

**CC-307 : Environmental Science**

**Time : 2 Hours]**

**[Max. Marks : 50**

- Instructions :** (1) Draw figures where necessary.  
(2) Show question number against each answer.  
(3) Figures in right are marks.  
(4) Answer any **three** out of initial Eight main questions. Question No. **9** is compulsory.

1. (A) What is ISO 7001 ? How it helps an organization follow practices committed to environmental protection ? 7  
(B) Discuss preparation and importance Checklist in EIA. 7
2. (A) How and why environmental clearance to huge project is sought ? 7  
(B) Summarize method and give specimen for SIA report. 7
3. (A) Describe Objectives and Steps for performing environmental audit. 7  
(B) Give sample environmental audit report. 7
4. (A) Discuss scope and significance audit for Disposal of Waste. 7  
(B) List types of audits and describe any one in detail. 7

5. (A) Discuss Impact Assessment on air quality and methodology for its study. 7  
 (B) Describe types and importance of energy impact analysis study. 7
6. (A) Describe topics of EIA report describing its content. 7  
 (B) Explain impact of project types on water quality studied in EIA. 7
7. (A) Explain Social Impact Assessment with any suitable case study. 7  
 (B) Discuss impact analysis affecting vegetation and wildlife. 7
8. (A) Discuss impact of new project on socio-economic status of the affected people giving suitable examples. 7  
 (B) Write importance of SIA analysis on public service and facilities. 7
9. Answer in short : (any **eight**) 8
- (A) Differentiate between EIA and SIA .
- (B) Write full form of ISO.
- (C) Name two sectors wherein a project requires prior SIA and evaluations.
- (D) List four phases of Social Impact Assessment.
- (E) SIA Checklist is prepared as part of impact prediction step in the Scoping stage of EIA. (True/False)
- (F) How NEPA is related to EIA ?
- (G) What is basic agenda of Mitigation plan ?
- (H) Name two sources of Noise pollution.
- (I) Name two industries causing Air Pollution.
- (J) What is Energy Inventory ?
- (K) What is effect of very high AQIA ?

- (L) Name two projects causing impact on wildlife.
- (M) Which authority issues Environmental Clearance Certificate ?
- (N) Reports on outcome of EIA studies can make.
- (a) Design Modified (b) Suggest monitoring impacts
- (c) Justify a proposal (d) All of these
- (O) Name any three groups of people invited in Public Consultation and Participation part of EIA.
- (P) What is 'Scoping' in EIA study ?
- (Q) List three topics listed in Environmental Audit report.
- (R) When is Hazardous Audit performed ?
- (S) List three tools or techniques used in performing environmental audit.
- (T) Which pollutants are included in Pollution Audit ?
- (U) Which of the following is benefit of environmental audit ?
- (a) Mitigation of risk (b) Operation inefficiencies reduced
- (c) Better compliance with law (d) All of these
- (V) Which is not a broad type of Environmental audit ?
- (a) Financial (b) Performance
- (c) Compliance (d) Product quality
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