

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

# MM-121

March-2019

B.Sc., Sem.-VI

## 307 : Environmental Science (Social Impact Assessment)

Time : 2:30 Hours]

[Max. Marks : 70

1. (A) Define SIA and discuss methods and steps involved in the process. 14

OR

(1) Explain preparation of EIA report and its relevance to environment monitoring. 7

(2) Write detail note on Interaction matrix and simple checklists method. 7

(B) Answer the following : (Any **Four**) 4

(1) Which ISO used in import-export mechanism ?

(2) List two function of 14001 ISO.

(3) Give full form of FSSI.

(4) What are functions of Checklist method ?

(5) Differentiate between EIA and SIA.

(6) Define : Energy Inventory data.

2. (A) Discuss in detail Scope and Objective of Environment Audit. 14

OR

(1) Discuss on Hazardous waste audit processes in detail. 7

(2) Discuss on pollution audit process in detail. 7

(B) Answer the following : (Any **Four**) 4

(1) Define : Corporate audit.

(2) Differentiate between Compliance audit and Activity audit.

(3) Functions of Liability audit.

(4) Define : Cost audit.

(5) Name two authorities of external auditor of India.

(6) What is Voluntary audit ?

3. (A) Explain Air quality standards and effects of air pollution. **14**
- OR**
- (1) Explain effects of Noise pollution and measures for its prevention. **7**
- (2) Describe Energy Impact Analysis and give its importance. **7**
- (B) Answer the following : (Any **Three**) **3**
- (1) Define : AQIA.
- (2) Define : WQIA and its function.
- (3) What is energy inventory ?
- (4) How photochemical smog is generated ?
- (5) What is basic agenda of mitigation plans ?
4. (A) Discuss types on socio-economic impacts and methods for its analysis. **14**
- OR**
- (1) Describe any case study with sample EIA reports. **7**
- (2) Write down impact analysis involving public services and facilities. **7**
- (B) Answer the following : (Any **Three**) **3**
- (1) Give two types of impacts on wild-life analysed during SIA.
- (2) What is Public Hearing process in SIA ?
- (3) When is Environment Clearance Certificate required ?
- (4) Give function of impact identification.
- (5) List three types of social impacts.
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