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**ESS 503**

**Third Semester M.Sc. Degree Theory Examination, Dec. 2018/Jan. 2019  
(CBCS)  
ENVIRONMENTAL SCIENCE  
Environmental Impact Assessment**

Time : 3 Hours

Max. Marks : 70

***Instructions :*** Answer ***all*** the Sections and draw neat sketches ***wherever*** necessary.

**PART – A**

- I. Write short notes on **any four** of the following (**not** exceeding **2** pages **each**) : **(4×4=16)**
- 1) Negative impacts.
  - 2) Project implementation.
  - 3) Unavoidable impacts.
  - 4) Policies and planning.
  - 5) Energy utilization.
  - 6) Urbanization.

**PART – B**

- II. Write explanatory notes on **any five** of the following (**not** exceeding **3** pages **each**) : **(5×6=30)**
- 7) Components of EIA.
  - 8) Primary and secondary impacts.
  - 9) Sustainable development.
  - 10) National agencies involved in EIA studies.

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- 11) Applications of EIA.
- 12) Impacts on social and cultural aspects.
- 13) Need of EIA in industrialization.

PART – C

III. Answer **any two** of the following (**not exceeding 8 pages each**) : **(2×12=24)**

- 14) Define EIA. Describe the methods of EIA with case studies.
  - 15) Explain the methods of predict the changes in biotic and abiotic components of environment due to projects.
  - 16) Define environmental audit. Describe its methodology in India.
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