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ESH 501

**Third Semester M.Sc. Degree Examination, December 2018/January 2019
(CBCS)
ENVIRONMENTAL SCIENCE
Environmental Pollution Abatement**

Time : 3 Hours

Max. Marks : 70

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

- I. Write short notes on **any four** of the following (**not** exceeding **2** pages **each**) : **(4×4=16)**
- 1) Drinking water standards.
 - 2) Liquid waste treatment.
 - 3) Indoor air pollution.
 - 4) Biomedical wastes.
 - 5) Air Act.
 - 6) Algae in biodegradation of wastes.
- II. Write explanatory notes on **any five** of the following (**not** exceeding **4** pages **each**) : **(5×6=30)**
- 7) Principles of noise pollution control.
 - 8) Point and non-point sources of pollution.
 - 9) Standards for industrial effluents.
 - 10) Water pollution control measures.
 - 11) Permissible level of toxicants in the environment.
 - 12) Bacteria as biological tool for pollution abatement.
 - 13) Recycling and reuse of liquid wastes.
- III. Answer **any two** of the following (**not** exceeding **7** pages **each**) : **(2×12=24)**
- 14) Explain aerobic and anaerobic treatment methods of solid wastes.
 - 15) Discuss pollution control and abatement methods in marine water.
 - 16) Discuss any one case study on urban solid waste management.
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