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ESE 461

II Semester M.Sc. Degree Examination, September/October 2022

(CBCS)

ENVIRONMENTAL SCIENCE

Basics of Environmental Science (Open Elective)

Time : 3 Hours

Max. Marks : 70

I. Write short notes on **any four** of the following (**not** exceeding **2** pages **each**). **(4×4=16)**

- 1) a) Temperature.
- b) Hydrosphere.
- c) Pressure.
- d) Global warming.
- e) Water related issues.
- f) Gaseous cycles.

II. Write explanatory notes on **any five** of the following (**not** exceeding **3** pages **each**). **(5×6=30)**

- 2) Marine water.
- 3) Atmosphere.
- 4) Artificial rain.
- 5) Lithosphere.
- 6) Cycling of heavy metals.
- 7) Biological properties of water.
- 8) Sources of water and management.

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

- 9) Discuss the influence of temperature and light as abiotic factors in freshwater.
 - 10) Explain the impact of ozone hole and greenhouse effect on environment.
 - 11) Discuss the effect of anthropogenic activities on biogeochemical cycles.
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