

M.Sc. Examination, 2018

Semester-III

Environmental Science

Course : MEE-312

(Current Issues in Environmental Science)

Time : 3 Hours

Full Marks : 40

Questions are of value as indicated in the margin

Answer question No. **1** and **any four** from the rest.

1. What are the causes for the various environmental problems in 21st century? Discuss their appropriate solutions. 4+4=8
 2. Write notes **any two** of the following : 4+4=8
 - a) IUCN red list of threatened species
 - b) Types, dimensions and relationship of ecotourism to other forms of tourism
 - c) Principles of green chemistry
 - d) Current advances in biomining and bioleaching
 3. Discuss **any two** of the following : 4+4=8
 - a) Current advances in electronic waste recycling
 - b) Traditional water harvesting methods in North East India
 - c) Current status of solar energy in India
 - d) Climatic refugees
 4. Give notes on **any two** of the following : 4+4=8
 - a) Municipal solid waste scenario in India
 - b) Application of nanoparticle in water remediation
 - c) Issues of GM crops in India
 - d) Paleoclimatic study from ice cores
 5. Discuss **any two** from the following : 4+4=8
 - a) Plastic waste management rules, 2016
 - b) Biopiracy of *Quassia amara*
 - c) Current status of wildlife death due to accidents in India
 - d) Black carbon effects on global environment and mitigation strategies
 6. Write notes on **any two** of the following : 4+4=8
 - a) Problems of microplastics in aquatic environment
 - b) Menace of noise in oceans
 - c) Problems of personal and pharmaceutical products
 - d) Status of electronic waste in India
 7. Write notes on **any two** of the following : 4+4=8
 - a) Structure and role Green Tribunal in India
 - b) Swachha Bharat Mission
 - c) Environmental issues of synthetic microfibres
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