

M.Sc. Examination 2018
Semester-IV
Environmental Science
Course : MEC-42
(Environmental Management)

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. Write short notes on **any four** of the following : 2×4=8
 - (a) Joint Forest Management
 - (b) Eco-labelling
 - (c) Environmental Operational Performance Indicators (OPI)
 - (d) Types of Environmental Performance Indicators (EPI)
 - (e) Baseline Information System (BIS)
 - (f) Benefits of Environmental Design
 2. What is the definition of Environmental Management? Enumerate the characteristics and goals of Environmental Management (EM). Write down some approaches to EM to achieve sustainability? 2+4+2=8
 3. What is Adaptive Management (AM)? What are the features of AM? Write down the processes of Adaptive Management. 2+2+4=8
 4. What is Environmental Management System (EMS) and what are its benefits? What are the various steps involved in establishing the EMS. 3+5=8
 5. What do you mean by Environmental Audit (E.A.)? What are the different types of Environmental Audits? Briefly describe the steps of environmental auditing. 2+2+4=8
 6. What is disaster? Explain different phases of Natural Disaster Management. Write down the role of community planning in this regard. 2+4+2=8
 7. What are the different application of LCA? Discuss the limitations of LCA. 4+4=8
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