

M. Sc. Semester-IV Examination 2017
Environmental Science
Course: MEC-42
(Environmental Management)

Time : Three 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) Adaptive Management (AM)
 - (b) EIA Process
 - (c) Role of village committee in forest protection
 - (d) Environmental Management Planning
 - (e) Baseline information system
 - (f) Cost-Benefit Analysis in EIA
 2. Explain the concept of Environmental Management System (EMS). What are the objectives of EMS? What are the benefits of EMS. 3+2+3=8
 3. Define Eco-labelling. What are the objectives of eco-labelling? Briefly describe the Type-I, Type-II and Type-III eco-labelling. 2+2+4=8
 4. What is environmental auditing? Distinguish between environmental review and environmental audit. Describe the types of environmental auditing. What are the scope of environmental auditing. 2+2+2+2=8
 5. What is the goal and scope of an LCA. What are the limitation of an LCA briefly describe the different application of LCA. 2+3+3=8
 6. Write down the principles of ISO 14000. Discuss the various steps involved in the establishment of an EMS. 3+5=8
 7. Critically discuss the Disaster Management Processes. Discuss the role of scientific and local knowledge in Natural Disaster Management. 3+5=8
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