

Code No: R09220104

R09

Set No. 2

II B.Tech II Semester Examinations, December-January, 2011-2012
ENVIRONMENTAL STUDIES
Common to CE, BME, IT, MECH, BT, AME, ICE, E.COMP.E, MMT,
EIE, CSE

Time: 3 hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Explain about non timber forest products? [15]
2. Explain about potassium cycle with diagram? [15]
3. Explain about Kyoto protocol? [15]
4. Explain about point and non-point sources of pollution? [15]
5. How to assess the significance of an impact on an environment due to project activities? [15]
6. Write about biomedical waste management and handling rules? [15]
7. What is an anthropogenic green house gas? Discuss the various anthropogenic green house gases in terms of their potential to cause global warming? [15]
8. Explain the use of land use and land cover mapping? [15]

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Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Explain about genes and mutations? [15]
2. What is homeostasis? [15]
3. Explain green house gases effects on human environment? [15]
4. Explain about the systematic approach for the study of the soil and ground water environmental Impacts? [15]
5. What environmental and economic problems could result from a rapid transition from fossil fuels to alternative sources? [15]
6. What are the pollutants emitted from automobile pollution? [15]
7. Explain about legal and administrative aspects of hazardous rules 1989? [15]
8. Explain the phenomenon of salt water intrusion? [15]

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Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Explain about genetic diversity? [15]
2. Explain about sanitary landfills? [15]
3. Explain about Montreal protocol? [15]
4. What is cybernetics? [15]
5. What are the responsibilities of state pollution control boards under hazardous waste rule 1989? [15]
6. Write short notes on the following
(a) Carbon trading
(b) Advantage of getting CDM projects for India. [15]
7. Explain how man induced landslides occur. [15]
8. What are the steps to carry out for doing impact evaluation and analysis? [15]

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Set No. 3

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Time: 3 hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Write the definition of an ecosystem? [15]
2. Explain the living and non-living natural resources? [15]
3. Explain about the ex-situ conservation of biodiversity? [15]
4. What emergency measures can the central / state pollution boards take under the water act in case of pollution of stream or well? [15]
5. Explain about low level and high level radio-active wastes? [15]
6. Explain about the checklist methodology for carrying EIA? [15]
7. How human activity has resulted in increased emissions of green house gases? [15]
8. Give a detailed account on the human rights related to environmental health and nutrition? [15]
