

Code No: 07A80103

R07

Set No. 2

IV B.Tech II Semester Examinations, APRIL 2011
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT
Civil Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. (a) Explain about methods of evaluation step in EIA process.
(b) How an Initial environmental examination helps for a full scale EIA? [8+8]
2. How to describe the existing vegetation? [16]
3. How the cement industry causes the impact on Air quality and explain the mitigation measures to reduce the impact? [16]
4. Write about the powers of central government to take measures to protect and improve environment under environmental protection act. [16]
5. Give the methodology for development of emission inventory in the project activity. [16]
6. Write about the important characteristics of simple and descriptive. [16]
7. What are the activities at site to be carried for Environmental audit? [16]
8. How to assess the impacts on soil and water by mining activity? [16]

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Set No. 4

IV B.Tech II Semester Examinations, APRIL 2011
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT
Civil Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. What type of preliminary information we need to get for Environmental Audit? [16]
2. Explain the following:
 - (a) Environmental analysis
 - (b) Assessment of impact significance. [8+8]
3. (a) Explain about the identification step in EIA.
(b) Explain about the predictive step method in EIA. [8+8]
4. Explain about the direct or indirect impact to vegetation can produce secondary effect on recreational resource values. [16]
5. Give the definition of protected forest? [16]
6. (a) How the Matrix method help the project planner?
(b) What is interaction - Matrix methodology? Explain. [8+8]
7. Give the environmental site selection factors for setting up industrial activity. [16]
8. How can you predict the impacts of the project activity on biological environment? [16]

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Set No. 1

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ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT
Civil Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. (a) What is Initial environmental examination?
(b) What are the important steps in EIA? [8+8]
2. Can the municipal corporation, companies, government departments also be prosecuted under that water act. Explain. [16]
3. Explain the activities which can cause groundwater pollution. [16]
4. Explain how the deforestation causes global warming. [16]
5. Explain about Air quality dispersion models. [16]
6. Describe the advantages and disadvantages for the existing environment audit Protocols. [16]
7. Explain how to prepare the impacts of pharma activity on Human use values and give the mitigation measures to reduce the impact? [16]
8. Explain how simple and stepped interaction matrix method can be used for water resource reservoir projects. [16]

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Set No. 3

IV B.Tech II Semester Examinations, APRIL 2011
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT
Civil Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Write about the surface water pollutants and their impacts. [16]
2. Explain about Audit Protocol. [16]
3. Explain about four different projects which can create barriers to travel corridors of wild life. [16]
4. Write about the systematic approach for using EIA as a planning tool for major Project activities. [16]
5. Explain the impacts of fertilizer industry water quality and air quality. Give mitigation measures. [16]
6. Summarize the various analytical methodologies in EIA process. [16]
7. Explain the impacts on ground water hydrology by land clearing activity in swap lands. [16]
8. Write about different powers given to the state pollution control boards under the water act 1974. [16]
