

Code No: 07A80103

R07**Set No. 2**

IV B.Tech II Semester Examinations, April/May 2012
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT
Civil Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. What is waste management contractor audit and give its objectives? [16]
2. Give the environmental impacts by direct land use. [16]
3. Explain the mitigation measures for the mitigation of impact of destruction of vegetation. [16]
4. Give the environmental site selection factors for setting up industrial activity. [16]
5. Write about the important characteristics of simple and descriptive. [16]
6. Write about the systematic approach for using EIA as a planning tool for major Project activities. [16]
7. Explain about the powers of state Government to make rules under air act. [16]
8. How to evaluate the existing ambient air Quality in the project area? [16]

Code No: 07A80103

R07**Set No. 4**

IV B.Tech II Semester Examinations, April/May 2012
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT
Civil Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. What are the mitigation measures to reduce the environmental impact can be taken up for implementation of paper and pulp industry activity? [16]
2. Give the general methodology for the assessment of impacts on surface water environment. [16]
3. Give the functions of state board under the water act 1974. [16]
4. Explain about water quality index and how to calculate the water quality index. [16]
5. Give the typical audit schedule. [16]
6. How the dams affect the forests? [16]
7. Explain the possible changes in the environment by various project activities. [16]
8. How to assess the impacts on soil and water by mining activity? [16]

Code No: 07A80103

R07**Set No. 1**

IV B.Tech II Semester Examinations, April/May 2012
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT
Civil Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Explain about energy audit and Give its objectives. [16]
2. Explain about the preparation of impacts on ecological resources by pulp and paper industry. [16]
3. (a) Explain about overlay method for carrying out EIA study.
(b) Write the advantages and disadvantages of overlay method for carrying out EIA study. [8+8]
4. What is the importance of environmental monitoring and management plan in EIA study? [16]
5. Write the impacts on Geological environment by land clearing activity in swap land. [16]
6. What are the objectives of the air act 1981? [16]
7. How the deforestation can bring changes in ecosystems and explain? [16]
8. How the Mass balance mathematics modelling is useful in carrying out impact assessment on air Quality? [16]

Code No: 07A80103

R07**Set No. 3**

IV B.Tech II Semester Examinations, April/May 2012
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT
Civil Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. According to the EIA guidelines give the classification of environmental parameters. [16]
2. Write about the possible impacts on air quality by sugar industry. [16]
3. Write about waste audit and give the advantages of waste audit. [16]
4. Give the procedure for the development of specific and simple interaction matrix. [8+8]
5. Can companies and government department be also prosecuted under the air act. [16]
6. Give the methodology for development of emission inventory in the project activity. [16]
7. How to assess the impact on ground water quality by tannery industry? [16]
8. Explain how hunting and poaching can affect the wild life? [16]
