

Code No: RR410106

RR

Set No. 2

IV B.Tech I Semester Examinations, November 2010  
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT  
Civil Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions  
All Questions carry equal marks

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1. (a) Explain the various stages of EIA with practical examples.  
(b) What is meant EMP? How do you prepare EMP for given Engg. Projects. [16]
2. What are the objectives of Environmental monitoring? Explain in brief pre-project monitoring? [16]
3. Explain the following approaches for prediction of environmental impacts of engineering projects.  
(a) Mathematical modeling approach.  
(b) Mass balance approach. [16]
4. Explain the following approaches for prediction of environmental impacts of engineering projects:  
(a) Qualitative approaches.  
(b) Mathematical modeling approaches. [16]
5. How do you identify various potential environmental impacts resulting from an engineering project? Explain any two methods. [16]
6. Explain the following EIA methodologies:  
(a) Ad-hoc method.  
(b) Network method. [16]
7. (a) What is meant by EMP? How do you prepare EMP for given Engg. Project.  
(b) Describe the EIA Methodologies. [16]
8. Explain the measures to be taken for mitigation of adverse environmental impacts during operational phases of an engineering project. [16]

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Set No. 4

**IV B.Tech I Semester Examinations, November 2010**  
**ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT**  
**Civil Engineering**

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions  
All Questions carry equal marks

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1. Explain the following approaches for prediction of environmental impacts of engineering projects.
  - (a) Mathematical modeling approach.
  - (b) Mass balance approach. [16]
2. (a) Explain the various stages of EIA with practical examples.  
(b) What is meant EMP? How do you prepare EMP for given Engg. Projects. [16]
3. Explain the following approaches for prediction of environmental impacts of engineering projects:
  - (a) Qualitative approaches.
  - (b) Mathematical modeling approaches. [16]
4. Explain the following EIA methodologies:
  - (a) Ad-hoc method.
  - (b) Network method. [16]
5. What are the objectives of Environmental monitoring? Explain in brief pre-project monitoring? [16]
6. Explain the measures to be taken for mitigation of adverse environmental impacts during operational phases of an engineering project. [16]
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(b) Describe the EIA Methodologies. [16]
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Set No. 1

**IV B.Tech I Semester Examinations, November 2010**  
**ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT**  
**Civil Engineering**

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions  
All Questions carry equal marks

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1. What are the objectives of Environmental monitoring? Explain in brief pre-project monitoring? [16]
2. Explain the following approaches for prediction of environmental impacts of engineering projects.
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3. Explain the measures to be taken for mitigation of adverse environmental impacts during operational phases of an engineering project. [16]
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8. Explain the following EIA methodologies:
  - (a) Ad-hoc method.
  - (b) Network method. [16]

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Code No: RR410106

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Set No. 3

**IV B.Tech I Semester Examinations, November 2010**  
**ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT**  
**Civil Engineering**

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions  
All Questions carry equal marks

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(b) What is meant EMP? How do you prepare EMP for given Engg. Projects. [16]
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