

Code No: R05312201

R05

Set No. 2

III B.Tech I Semester Examinations, December 2011

ENVIRONMENTAL STUDIES

Instrumentation And Control Engineering

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. (a) Explain how materials are cycled through an ecosystem.
(b) Discuss the pattern and principles governing energy flow through an ecosystem. [8+8]
2. (a) Discuss the environmental challenges of India
(b) Discuss the role of NGO's in the preservation and protection of biodiversity in India. [8+8]
3. (a) What is the difference between habitat loss and habitat fragmentation.
(b) Discuss the indirect benefit of biodiversity. [8+8]
4. How is population growth related to environmental pollutions ? Discuss. [16]
5. Explain how you conduct survey on impacts of pesticides and other agricultural chemicals on any ecosystem (pond, lakes, agriculture fresh water body etc) you have visited. [16]
6. (a) What are the basic directive of environmental ethics? Why the needs of environment should take precedence over the right of man.
(b) How does resettlement and rehabillitee of victims of disaster differ from re-settlement and rehabilitation of people displaced by development projects? Discuss. [8+8]
7. (a) Classify solid waste . What are the sources of urban and industrial solid wastes.
(b) What adverse effects can solid waste cause? How can the solid waste be managed ? [8+8]
8. (a) Discuss the possible causes of land slides.
(b) What are the harmful affects of fossible fuels over the environment ? How can we overcome them. [8+8]

Code No: R05312201

R05

Set No. 4

III B.Tech I Semester Examinations, December 2011

ENVIRONMENTAL STUDIES

Instrumentation And Control Engineering

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. (a) Classify solid waste . What are the sources of urban and industrial solid wastes.
(b) What adverse effects can solid waste cause? How can the solid waste be managed ? [8+8]
2. (a) Discuss the environmental challenges of India
(b) Discuss the role of NGO's in the preservation and protection of biodiversity in India. [8+8]
3. (a) Explain how materials are cycled through an ecosystem.
(b) Discuss the pattern and principles governing energy flow through an ecosystem. [8+8]
4. Explain how you conduct survey on impacts of pesticides and other agricultural chemicals on any ecosystem (pond, lakes, agriculture fresh water body etc) you have visited. [16]
5. How is population growth related to environmental pollutions ? Discuss. [16]
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8. (a) What is the difference between habitat loss and habitat fragmentation.
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R05

Set No. 1

III B.Tech I Semester Examinations, December 2011

ENVIRONMENTAL STUDIES

Instrumentation And Control Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions

All Questions carry equal marks

1. Explain how you conduct survey on impacts of pesticides and other agricultural chemicals on any ecosystem (pond, lakes, agriculture fresh water body etc) you have visited. [16]
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(b) Discuss the role of NGO's in the preservation and protection of biodiversity in India. [8+8]
8. (a) Discuss the possible causes of land slides.
(b) What are the harmful affects of fossible fuels over the environment ? How can we overcome them. [8+8]

Code No: R05312201

R05

Set No. 3

III B.Tech I Semester Examinations, December 2011

ENVIRONMENTAL STUDIES

Instrumentation And Control Engineering

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. (a) Explain how materials are cycled through an ecosystem.
(b) Discuss the pattern and principles governing energy flow through an ecosystem. [8+8]
2. (a) What is the difference between habitat loss and habitat fragmentation.
(b) Discuss the indirect benefit of biodiversity. [8+8]
3. (a) Classify solid waste . What are the sources of urban and industrial solid wastes.
(b) What adverse effects can solid waste cause? How can the solid waste be managed ? [8+8]
4. How is population growth related to environmental pollutions ? Discuss. [16]
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(b) What are the harmful affects of fossible fuels over the environment ? How can we overcome them. [8+8]
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