

Code No: 07A3EC11

R07**Set No. 2****II B.Tech I Semester Examinations, November 2010****ENVIRONMENTAL STUDIES****Common to CHEM, AE, E.COMP.E, ETM, ECE****Time: 3 hours****Max Marks: 80****Answer any FIVE Questions****All Questions carry equal marks**

1. (a) How do different development activities such as construction of dams affect the environment?
(b) Explain the necessary steps to be taken to conserve them. [8+8]
2. (a) Define drought. How is it interpreted based on meteorological, agricultural and hydrological effects.
(b) List the major arguments cited against the construction of large dams. [8+8]
3. 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]
4. (a) Discuss the population explosion in India .
(b) Discuss population variations among nations growth rate. [8+8]
5. (a) What is the difference between habitat loss and habitat fragmentation.
(b) Discuss the indirect benefit of biodiversity. [8+8]
6. (a) What are the effects of noise at the physical, physiological and psychological level?
(b) What do you mean by acceptable noise level ? What are the acceptable noise level for.
i. Talking.
ii. T V Studio
iii. Factories
iv. Motor cycle. [8+8]
7. What are the main provisions of the following acts.
(a) Environment (protection) Act of 1986.
(b) Wild life protection Act of 1972.
(c) Forest conservation Act of 1980.
(d) Air (prevention and control of pollution) Act of 1981. [4+4+4+4]
8. (a) Discuss the relationship that human beings have with their environment.
(b) "Human activity is responsible for environmental degradation" justify the statement. [8+8]

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R07**Set No. 4****II B.Tech I Semester Examinations, November 2010****ENVIRONMENTAL STUDIES****Common to CHEM, AE, E.COMP.E, ETM, ECE****Time: 3 hours****Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

1. (a) What are the effects of noise at the physical, physiological and psychological level?
 (b) What do you mean by acceptable noise level ? What are the acceptable noise level for.
 i. Talking.
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 iv. Motor cycle. [8+8]
2. (a) Discuss the population explosion in India .
 (b) Discuss population variations among nations growth rate. [8+8]
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 (c) Forest conservation Act of 1980.
 (d) Air (prevention and control of pollution) Act of 1981. [4+4+4+4]

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Answer any FIVE Questions
All Questions carry equal marks

1. (a) Discuss the relationship that human beings have with their environment.
 (b) "Human activity is responsible for environmental degradation" justify the statement. [8+8]
2. (a) What are the effects of noise at the physical, physiological and psychological level?
 (b) What do you mean by acceptable noise level ? What are the acceptable noise level for.
 i. Talking.
 ii. T V Studio
 iii. Factories
 iv. Motor cycle. [8+8]
3. (a) What is the difference between habitat loss and habitat fragmentation.
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R07**Set No. 3****II B.Tech I Semester Examinations, November 2010****ENVIRONMENTAL STUDIES****Common to CHEM, AE, E.COMP.E, ETM, ECE****Time: 3 hours****Max Marks: 80****Answer any FIVE Questions****All Questions carry equal marks**

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(b) List the major arguments cited against the construction of large dams. [8+8]
2. (a) Discuss the population explosion in India .
(b) Discuss population variations among nations growth rate. [8+8]
3. (a) How do different development activities such as construction of dams affect the environment?
(b) Explain the necessary steps to be taken to conserve them. [8+8]
4. (a) What are the effects of noise at the physical, physiological and psychological level?
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 - i. Talking.
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