

Code No: 07A3EC11

**R07**

**Set No. 2**

**II B.Tech I Semester Examinations, MAY 2011**

**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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1. Discuss any two of the following:
  - (a) Global Warming
  - (b) Acid Rains and Heat Islands. [8+8]
2. (a) Define lapse rate and temperature inversion.  
(b) List the different components of the biosphere and their interdependency. [8+8]
3. (a) What is homeostasis? What are feedback mechanisms?  
(b) Discuss the process of ecological succession. [8+8]
4. (a) Write a report on a few birds and their contribution to the environment.  
(b) Distinguish between the natural and artificial ecosystems. [10+6]
5. (a) Briefly discuss droughts and floods with respect to their occurrence and impacts.  
(b) What is the relationship between fair land distribution and appropriate land use? [8+8]
6. (a) Comment upon Indian biodiversity with special reference as a mega diversity nation.  
(b) What is Red Data Book? What do you mean by extinct, endangered, vulnerable and rare species? [8+8]
7. Discuss the following:
  - (a) Community Health
  - (b) Bhopal gas Tragedy
  - (c) Personal Hygiene. [16]
8. (a) What is municipal solid waste management? Explain in brief various management activities of solid waste.  
(b) What are various types of hazardous wastes and explain how to manage these wastes. [8+8]

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Code No: 07A3EC11

**R07****Set No. 4**

II B.Tech I Semester Examinations, MAY 2011

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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1. (a) Comment upon Indian biodiversity with special reference as a mega diversity nation.  
(b) What is Red Data Book? What do you mean by extint, endangered, vulnerable and rare species? [8+8]
2. (a) What is homeostasis? What are feedback mechanisms?  
(b) Discuss the process of ecological succession. [8+8]
3. Discuss the following:  
(a) Community Health  
(b) Bhopal gas Tragedy  
(c) Personal Hygiene. [16]
4. (a) What is municipal solid waste management? Explain in brief various management activities of solid waste.  
(b) What are various types of hazardous wastes and explain how to manage these wastes. [8+8]
5. (a) Briefly discuss droughts and floods with respect to their occurrence and impacts.  
(b) What is the relationship between fair land distribution and appropriate land use? [8+8]
6. Discuss any two of the following:  
(a) Global Warming  
(b) Acid Rains and Heat Islands. [8+8]
7. (a) Define lapse rate and temperature inversion.  
(b) List the different components of the biosphere and their interdependency. [8+8]
8. (a) Write a report on a few birds and their contribution to the environment.  
(b) Distinguish between the natural and artificial ecosystems. [10+6]

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Code No: 07A3EC11

**R07****Set No. 1**

II B.Tech I Semester Examinations, MAY 2011

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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1. (a) Write a report on a few birds and their contribution to the environment.  
(b) Distinguish between the natural and artificial ecosystems. [10+6]
2. Discuss the following:
  - (a) Community Health
  - (b) Bhopal gas Tragedy
  - (c) Personal Hygiene. [16]
3. (a) Briefly discuss droughts and floods with respect to their occurrence and impacts.  
(b) What is the relationship between fair land distribution and appropriate land use? [8+8]
4. (a) Comment upon Indian biodiversity with special reference as a mega diversity nation.  
(b) What is Red Data Book? What do you mean by extinct, endangered, vulnerable and rare species? [8+8]
5. (a) What is homeostasis? What are feedback mechanisms?  
(b) Discuss the process of ecological succession. [8+8]
6. (a) Define lapse rate and temperature inversion.  
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7. Discuss any two of the following:
  - (a) Global Warming
  - (b) Acid Rains and Heat Islands. [8+8]
8. (a) What is municipal solid waste management? Explain in brief various management activities of solid waste.  
(b) What are various types of hazardous wastes and explain how to manage these wastes. [8+8]

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Code No: 07A3EC11

**R07****Set No. 3**

II B.Tech I Semester Examinations, MAY 2011

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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1. Discuss the following:
  - (a) Community Health
  - (b) Bhopal gas Tragedy
  - (c) Personal Hygiene. [16]
2. Discuss any two of the following:
  - (a) Global Warming
  - (b) Acid Rains and Heat Islands. [8+8]
3. (a) Briefly discuss droughts and floods with respect to their occurrence and impacts.  
(b) What is the relationship between fair land distribution and appropriate land use? [8+8]
4. (a) Define lapse rate and temperature inversion.  
(b) List the different components of the biosphere and their interdependency. [8+8]
5. (a) What is municipal solid waste management? Explain in brief various management activities of solid waste.  
(b) What are various types of hazardous wastes and explain how to manage these wastes. [8+8]
6. (a) Write a report on a few birds and their contribution to the environment.  
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(b) What is Red Data Book? What do you mean by extinct, endangered, vulnerable and rare species? [8+8]
8. (a) What is homeostasis? What are feedback mechanisms?  
(b) Discuss the process of ecological succession. [8+8]

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