

Code No: A109210301

**R09**

**Set No. 2**

**II B.Tech I Semester Examinations, MAY 2011**  
**ENVIRONMENTAL STUDIES**  
**Common to ME, CHEM, MEP, AE, ETM, ECE**

**Time: 3 hours**

**Max Marks: 75**

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

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1. Explain about potassium cycle with diagram? [15]
2. Explain about soil degradation? [15]
3. Write about the characteristics of municipal solid waste? [15]
4. Give the salient features of Kyoto protocol? [15]
5. Explain the general methodology for the assessment of impact on surface water environment? [15]
6. What are the responsibilities of state pollution control boards under hazardous waste rule 1989? [15]
7. Explain about biological evolution? [15]
8. Explain the phenomenon of salt water intrusion? [15]

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**Set No. 4**

**II B.Tech I Semester Examinations, MAY 2011**  
**ENVIRONMENTAL STUDIES**  
**Common to ME, CHEM, MEP, AE, ETM, ECE**

**Time: 3 hours**

**Max Marks: 75**

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

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1. Explain about network methodology for carrying out EIA? [15]
2. Write about earth summit? [15]
3. Explain about nuclear pollution? [15]
4. What are the different powers given to the central or state boards under the water act? [15]
5. Explain food web with diagram? [15]
6. Explain about natural a factor which causes soil erosion? [15]
7. Give a detailed account on the human rights related to environmental health and nutrition? [15]
8. What will be the best way to feed the world in the next 100 years? [15]

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**Set No. 1**

**II B.Tech I Semester Examinations, MAY 2011  
ENVIRONMENTAL STUDIES  
Common to ME, CHEM, MEP, AE, ETM, ECE**

**Time: 3 hours**

**Max Marks: 75**

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

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1. Explain about the ex-situ conservation of biodiversity? [15]
2. Explain about deforestation? [15]
3. Write about nitrogen cycle with diagram? [15]
4. What are the primary pollutants of air pollution? [15]
5. Write the advantages and disadvantages of surface and subsurface mining? [15]
6. What are the penalties for violations under the E.P.A? [15]
7. What are the impending dangers of population explosion? [15]
8. Write about the possible changes in the environment by various project activities? [15]

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**Set No. 3**

**II B.Tech I Semester Examinations, MAY 2011**  
**ENVIRONMENTAL STUDIES**  
**Common to ME, CHEM, MEP, AE, ETM, ECE**

**Time: 3 hours**

**Max Marks: 75**

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

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1. Write notes on the following?
  - (a) Population explosion
  - (b) Population growth rate. [15]
2. Explain about air pollution sources? [15]
3. (a) Write the definition of EIA?  
(b) Explain the scope of EIA? [15]
4. Write about forest resources and timber products? [15]
5. Write about the difference between bioaccumulation and biomagnification? [15]
6. Explain about the climate change and its causes? [15]
7. What restriction thus in water act impose on private citizen with respect to courts taking cognizance of offences under the water act? [15]
8. Why wind power has tremendous potential and how its development and utilization could affect the environment? [15]

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