

**Subject Code: R13106/R13****Set No - 1****I B. Tech I Semester Supplementary Examinations Aug. - 2015****ENVIRONMENTAL STUDIES****(Common to CE, ME, CSE, PCE, IT, Chem E, Aero E, AME, Min E, PE, Metal E)****Time: 3 hours****Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**  
Answering the question in **Part-A** is Compulsory,  
Three Questions should be answered from **Part-B**

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**PART-A**

- 1.(a) Write about ecological succession.
- (b) What is desertification?
- (c) Write about endangered species.
- (d) Write about Nuclear hazards.
- (e) What is forest conservation act?
- (f) Write about ecotourism.

[4+4+4+4+3+3]

**PART-B**

- 2.(a) Define ecosystem Write about energy flow in an ecosystem.
- (b) What is the role of information technology in environment and human health. [8+8]
3. Write about use exploitation and environmental effects of extracting mineral resources. [16]
- 4.(a) What is ex-situ conservation of biodiversity? Explain.
- (b) Write about biodiversity at national and local levels. [8+8]
5. Write about causes, effects and control measures of air pollution. [16]
- 6.(a) Discuss about water conservation and rain water harvesting.
- (b) Distinguish between resettlement and rehabilitation. [8+8]
7. Prepare a field report for the visit made by you to a polluted water body. [16]

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**Subject Code: R13106/R13****Set No - 2****I B. Tech I Semester Supplementary Examinations Aug. - 2015****ENVIRONMENTAL STUDIES****(Common to CE, ME, CSE, PCE, IT, Chem E, Aero E, AME, Min E, PE, Metal E)****Time: 3 hours****Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**  
Answering the question in **Part-A** is Compulsory,  
Three Questions should be answered from **Part-B**

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**PART-A**

- 1.(a) Write about global warming.
- (b) What is waste land reclamation?
- (c) Write about endemic species.
- (d) Write about role of an individual in prevention of pollution.
- (e) What is environment legislation?
- (f) Write about E.M.P

[4+4+4+4+3+3]

**PART-B**

- 2.(a) Define environment. Write about its scope and importance.
- (b) What is sustainability? What is its importance?
- 3.(a) Write about use and over utilization of surface and ground water .
- (b) What are the benefits and problems of dams?
- 4.(a) What is in-situ conservation of biodiversity? Explain.
- (b) India a mega diversity nation. Explain
5. Write about causes, effects and control measures of soil pollution.
- 6.(a) Discuss about water act.
- (b) Write about resettlement and rehabilitation.
7. Prepare a field report for the visit made by you to a polluted city.

[8+8]

[8+8]

[8+8]

[16]

[8+8]

[16]

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**Subject Code: R13106/R13****Set No - 3****I B. Tech I Semester Supplementary Examinations Aug. - 2015****ENVIRONMENTAL STUDIES****(Common to CE, ME, CSE, PCE, IT, Chem E, Aero E, AME, Min E, PE, Metal E)****Time: 3 hours****Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**  
Answering the question in **Part-A** is Compulsory,  
Three Questions should be answered from **Part-B**

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**PART-A**

- 1.(a) Write about acid rain and ozone depletion.
- (b) What is water logging and salinity?
- (c) Write about man and wild life conflicts.
- (d) Write about water pollution.
- (e) What are urban problems related to energy?
- (f) Write about E..I.S

[4+4+4+4+4+2]

**PART-B**

- 2.(a) Write about structure and function of ecosystem
- (b) What are the global environmental challenges? [8+8]
- 3.(a) Write about the effects of Timber extraction of Forest Resources.
- (b) Write about floods and droughts? [8+8]
- 4.(a) What are various threats of biodiversity? Explain.
- (b) Write about endangered and endemic species of India. [8+8]
5. Write about causes, effects and control measures of noise pollution. [16]
- 6.(a) Discuss about wild life protection act.
- (b) Write about effects and control measures of urban and industrial solid wastes? [8+8]
7. Prepare a field report for the visit made by you to a industrial city. Discuss various pollutions observed. [16]

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**Subject Code: R13106/R13****Set No - 4****I B. Tech I Semester Supplementary Examinations Aug. - 2015****ENVIRONMENTAL STUDIES****(Common to CE, ME, CSE, PCE, IT, Chem E, Aero E, AME, Min E, PE, Metal E)****Time: 3 hours****Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**  
Answering the question in **Part-A** is Compulsory,  
Three Questions should be answered from **Part-B**

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**PART-A**

- 1.(a) Write about Rio summit.
- (b) What is deforestation?
- (c) Write about ecosystem diversity.
- (d) Write about different environmental pollutions..
- (e) What is water pollution and conservation act?
- (f) Write about various stages of EIA.

[4+4+4+4+3+3]

**PART-B**

- 2.(a) Define ecosystem Write about producers, consumers and decomposers.
- (b) What are ecological pyramids? Explain. [8+8]
3. Write about food resources. Discuss the effects of modern agriculture on Food Production. [16]
- 4.(a) What are genetic, species and ecosystem diversity.? Explain.
- (b) Write about conservation of biodiversity. [8+8]
5. Write about causes, effects and control measures of water pollution. [16]
- 6.(a) Discuss about environmental ethics..
- (b) Discuss about problems of resettlement and rehabilitation in construction of irrigation projects. [8+8]
7. Prepare a field report for the visit made by you to a polluted lake. [16]

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