

**R09****Code: 9ABS303**

B.Tech II Year I Semester (R09) Supplementary Examinations June 2016

**ENVIRONMENTAL SCIENCE**

(Common to EEE, EIE, E.Con.E, ECE, ECC &amp; CSS)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions

All questions carry equal marks

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- 1 (a) What are the major causes of deforestation?  
(b) Write in detail about one water conflict in India with the help of case study.  
(c) Define land degradation and discuss the various causes of land degradation.
- 2 (a) Explain pyramid of numbers, biomass and energy with diagram.  
(b) Explain various processes involved in ecological succession.
- 3 List out and explain any two renewable energy sources which could serve as a solution for future energy needs.
- 4 Write a brief account on:  
(a) Tsunami and flood.  
(b) Montreal protocol and carbon sequestration.
- 5 (a) Explain the "Water (prevention and control of pollution) Act".  
(b) Describe the function of pollution control board in regulating industries.
- 6 Discuss the various MSW management in various cities and corporations in India.
- 7 (a) Describe value education.  
(b) Explain human rights in detail.
- 8 What role do you think information technology can play in environment related studies?

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