

**I B. Tech II Semester Supplementary Examinations, May - 2018**  
**ENVIRONMENTAL STUDIES**  
**(Com to CSE,EEE,CE,EIE,AE, BT & AME)**

Time: 3 hours

Max. Marks: 75

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Answer any **FIVE** Questions  
All Questions carry **Equal** Marks

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1. a) State the interrelationship of hydrosphere with the other components of the environment. (8M)  
b) Discuss in detail about the different layers of the atmosphere. (7M)
2. Discuss about pesticide problems, water logging and salinity. (15M)
3. Explain about (15M)  
(a) Forest ecosystem  
(b) Grassland ecosystem  
(c) Desert ecosystem
4. Explain about (15M)  
(a) poaching of wildlife  
(b) man-wildlife conflicts
5. Explain the causes, effects and control of (15M)  
(a) Marine pollution and (b) Noise pollution.
6. a) Discuss on climate change and global warming. (8M)  
b) Explain about Wildlife Protection Act. (7M)
7. Write a note on the following: (8M)  
(a) Nanotechnology (b) Role of IT in Environment and Health. (7M)
8. Based on your field visits, summarize your observations and findings of the water resource ecosystem in your region. (15M)