

**I B.Pharmacy II Semester Regular Examinations, Oct/Nov 2013**  
**ENVIRONMENTAL STUDIES**

**Time: 3 hours**

**Max Marks: 75**

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

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1. (a) Define common property resources. Discuss in detail the different resources can extract by human being from four spheres of the earth?  
(b) Differentiate the terms micro-environment and macro-environment and give the structure of lithosphere with labeled diagram? [8+7]
2. (a) Bring out various drawbacks that limit the exploitation of solar energy as an important energy source.  
(b) Discuss the role played by the non-conventional energy resources to-wards the protection of the environment. [8+7]
3. (a) What are the different zones in a lake ecosystem?  
(b) Explain the biogeochemical cycles of a phosphorous and sulphur. [7+8]
4. (a) Extinction is part of the evolutionary process. Then why should we bother about the ongoing species extinction.  
(b) Explain the typical features of Eastern Himalayas biodiversity. [8+7]
5. (a) Define Air Pollution, write down the sources and effects of air pollution  
(b) Explain classification of pollutants? Write about control measures of air pollution. [8+7]
6. (a) What is a watershed? How can watershed management solve the problem of depletion of the ground water table?  
(b) Describe the effects of waste product and over-exploitation of natural resources as a result of consumerism culture? [8+7]
7. (a) Give a brief notes on Malnutrition  
(b) Population explosion threatens are the global environmental balance? Justify the statement [5+10]
8. (a) How do incinerator work and reduce the pollution in the waste dumping site.  
(b) How do you study the changes in the chosen area in a given period of time. [8+7]

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