

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

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]

