

END SEMESTER EXAMINATION
(November, 2016)

EN – 101 Introduction to Environmental Science

Time: 3 Hrs

Max. Marks: 50

Note: Answer any five (5) questions.
All questions carry equal marks.
Assume suitable missing data, if any.

1. ~~(a)~~ What is lithosphere? Briefly discuss about this with a suitable diagram. (5)
(b) Define sustainable development? What are the important pillars of sustainable development, describe in detail? (5)
2. (a) What is rain water harvesting? Write its significance, objectives and methods in very brief. (5)
(b) What is productivity of ecosystem? Explain various types of productivity and their significance in ecosystem. (5)
3. ~~(a)~~ What are the different types of biodiversity? Discuss the various threats to biodiversity along with three hot spots of biodiversity in India. (5)
(b) What is noise pollution? Discuss the harmful effects of noise pollution and also describe the various measures to control this pollution. (5)

4. (a) Enumerate the difference between Food chain and Food web with suitable examples. (5)
- (b) Define global warming. Describe the various factors as well as contributions of different gases in global warming. (5)
5. (a) Define air pollution. Explain in detail about its sources, classifications and health effects. (5)
- (b) What is the difference between extinct and endangered species? Describe different conservation approaches to conserve biodiversity in India. (5)
6. Write short notes on (10)
- (a) Ecological pyramids
 - (b) Ozone layer depletion
 - (c) Functions of ecosystem
 - (d) Y-shape energy flow model