Roll No……… 1224086

BCA 4th Semester Examination
June-2014
Environmental Studies (EVS)
Subject Code: AHL-108

Time Allowed: 03 hours. Maximum Marks: 100

Before answering the question paper the candidate should ensure that they have been supplied the correct question paper. Complaints in this regard, if any, shall not be entertained after the examination.

Note: Attempt five questions in total. Question No.1 is compulsory and remaining four questions from Section A and B ( Two questions from each section)

Q.1(a) Write a short note on HIV/AIDS.

(b) Explain terracing and overgrazing.

(c) Explain Food chain and Food web with examples.

(d) Write the main role of an individual in prevention of pollution.

SECTION – A

Q.2(a) Explain the concept of Ecomark. Write a short note on need for public awareness to save the Environment. (10)

(b) Define Environment. Explain the multidisciplinary nature of Environmental Studies? How do we apply Chemistry and Engineering aspects to Environmental studies? (10)

Q.3(a) What do you meant by Eutrophication? Explain land resources in detail.

(b) Define natural resource with examples. Write a short note on water resource. (6)

(c) Explain water logging and Desertification. (4)

Q.4(a) Write the names of biotic and abiotic factors of an Ecosystem. Discuss the process of Ecosystem regulation. (10)

(b) Define ecosystem. Explain pond, river, lake and estuary Ecosystem in detail. (10)

SECTION – B

Q.5(a) Write a critical note on noise pollution. (6)

(b) Define pollution. Give an account of the adverse effects of water pollution. (6)

(c) Explain various methods of management of solid waste. Why such type of managements is useful for all of us? (8)

Q.6(a) Explain various methods of water conservation. Explain why it is necessary to conserve the water? (7)

(b) Explain global warming in detail. (8)

(c) Explain water logging and Desertification. (4)

Q.7(a) Define population explosion. Write short notes on

(i) Life expectancy (ii) Zero population growth

(iii) Replacement level (iv) Infant mortality rate

(v) Doubling time. (12)

(b) How can age-structure pyramids serve as useful tools for predicting population growth trends of a nation? Explain Malthusian theory related to population explosion. (8)