B.Tech / Integrated (MBA/M.Tech) 2nd Semester Examination

June 2013

Environmental Studies (EVS)

Subject Code: AHL108

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 any five questions and all questions carry equal marks.

Section – A

1(a) Define Environment. Explain the multidisciplinary nature of Environmental Studies. (8)

(b) Define Natural resource. Write types of natural resources. Explain waterlogging, Landslide and desertification. (12)

2(a) Explain Forest resource in detail. (10)

(b) Explain Producers, Consumer and Decomposer in terms of Ecosystem with examples. (10)

3(a) Define Food chain and Food web with examples. Explain Ecological Pyramids in detail. (8)

(b) Write short notes on: (12)

   I. Lake ecosystem
   II. Pond ecosystem
   III. Ocean ecosystem
   IV. Estuary

Section – B

4. (a) Define pollution. Explain Air pollution in detail. (10)

   (b) Write a critical note on Thermal pollution. (6)

   (c) Explain the role of an individual in prevention of pollution. (4)

5. (a) Explain various methods of conservation of water. (8)

   (b) What is meant by acid rain? How does it form and how can we control it? (6)

   (c) Write a note on Resettlement and Rehabilitation problems. (6)

6. (a) Define Population Explosion. Write a critical note on HIV/AIDS. (8)

   (b) Write short notes on: (12)

      I. Exponential growth
      II. Total Fertility Rate (TFR)
      III. Doubling Time
      IV. Life Expectancy
      V. Zero Population Growth