Diploma / Integrated B.Tech 4th Semester (ME) Examination
June, 2014
Basics of Environmental Studies (BEVS)
Subject Code: AHL034

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: Question No. 1 is Compulsory and attempt two questions from each section. All questions carry equal marks.

Q.1  (5*4)
(A) Write short note on Overgrazing and Minamata disease.
(B) Define Ecosystem. Explain the terms producer, consumer and decomposer.
(C) Explain Terracing, contour cultivation and shifting cultivation.
(D) What is the difference between global warming and enhanced global warming?

Section – A

Q.2.  (10)
(A) Define Environment with diagram. Explain the multidisciplinary nature of Environmental Studies.
(B) What is the concept of ecomark? How would environmental awareness help to protect our environment?

Q.3.  (6)
(B) Write short notes on--
   (i) Food Chain and Food web
   (ii) Evergreen coniferous forest.

Q.4.  (8)
(A) Define natural resource. Explain Food resource in detail.
(B) Define soil erosion? Explain its causes. Explain various methods to prevent Soil erosion.

Section – B

Q.5.  (7)
(A) What do you meant by Thermal pollution? Explain bad effects and prevention of thermal pollution in detail.
(B) Write a short note on Chlorosis, Necrosis and Itai-Itai disease.
(C) What is meant by pollution? Explain Air pollution in detail.

Q.6.  (8)
(A) Explain ozone layer depletion and its bad effects on human being and on other materials in detail.
(B) Explain Rain water harvesting. Who is known as Waterman?
(C) Explain wasteland reclamation practices in short.

Q.7.  (12)
(A) Explain Water (prevention and control of pollution) Act.
(B) What are the different methods to propagate environmental awareness in the society?