

1.4.2013



DOON UNIVERSITY, DEHRADUN
Mid –Term Examination, Second Semester, 2013
School of Mass Communication

MA Integrated (Communication)
Course: EES-110: Environmental Studies

Time: 2:00 hours

Maximum Marks :30

Note: Attempt Questions from all sections :A,B,C

SECTION : A (Objective Type Questions) Attempt all

(Marks : 10 x.5 =5)

Q1 Atmosphere is divided into-

a) 4 concentric layers b) 5 concentric layers c)3 concentric layers d)2 concentric layers

Q2Which of the following conceptual spheres of the environment is having the least storage capacity for matter?

a)Atmosphere b) Hydrosphere c) Lithosphere d) Biosphere

Q3A food web is consists of –

a) a portion of a food chain b) producers, consumers& decomposers
c) interlocking of food chains d) a set of similar consumers

Q4The objective of environmental education is-

a) raise consciousness about environmental conditions
b) to teach environmentally appropriate behavior
c) create an environmental awareness among the people
d) all of the above

Q5.Ecological pyramid which is always upright-

a) pyramid of biomass b) pyramid of energy c) pyramid of no. d) all

Q6. The tropic level I of any food chain is recognized as-

a) herbivores b) heterotrophs c) carnivores d) none

Q7 The rate at which radiant energy is stored at producer level is known as-

a) productivity b) net productivity c) primary productivity d) none

Q8.The energy transformation of an ecosystem is based on –

a) I law of thermodynamics b) II law of thermodynamics c) both d) none

Q9 In ecological system solar energy is firstly converted into-

a) heat b) chemical energy c) mechanical energy d) all

Q10. The concept of ecological pyramid was given by-

a) Anon kerner b) Charles Elton c) Warming d) Mayor

SECTION : B (Short Answer Type Questions) Attempt all five

(Marks : 5x2=10)

Q1.Define environment.

Q2.What is food web?Give example.

Q3.Draw two food chains of any ecosystem.

Q4.What is the first law of thermodynamics?

Q5.Describe the pyramid of energy.

SECTION : C (Long Answer Type Questions) Attempt any three

(Marks : 5x3=15)

Q1.Describe the various segments of environment.

Q2.Define the structure (components)of ecosystem.

Q3.What is food chain?How many types of food chains are present in any ecosystem, explain them.

Q4.Define ecological pyramids and their types.