DOON UNIVERSITY, DEHRADUN
Mid-Term Examination , Second Semester,2016-2017
School of Technology, MCA integrated
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)   **(8x1 =8)**

Q1. Which of the below mentioned regions exhibit less seasonal variations ?
a)Tropics b) temperates c) Alpines   d) both a and b

Q2. The first recognized Biosphere Reserve in India is-
a)Nandadevi   b) Nilgiri c) Nokrek d) Sunderban

Q3.What is Uttarakhand's State bird ?
a) Himalayan quail b) Himalayan monal   c)Himalayan peafowl   d) none

Q4. Which of the following is an endemic species of India ?
a) asian elephant   b) panda   c) whales   d) lion –tailed macaque

Q 5.Which one of the following is not a functional unit of ecosystem?
a) Productivity b) Stratification   c) Energy Flow d) Decomposition

Q6 In an aquatic ecosystem , the trophic level equivalent to cows in grasslands is
a)Nekton   b) Zooplankton   c) phytoplankton d) Benthos

Q 7 Trophic levels in ecosystem is formed by ;
a)Only herbivores b) only plants c) only bacteria d) organisms linked in food chain

Q 8. Which of the following terms does not apply to humans-
a)Primary consumers b) primary producers c) secondary consumers d) heterotrophs

SECTION B : Attempt all questions .   **(3x4=12)**

Q1.What are the objectives of environmental studies ? Why environmental science is called as multidisciplinary science ?

Q2.What is biodiversity ?Briefly explain the values of biodiversity.

Q3.Write note on –
a) Nitrogen cycle b) Heterotrophic component

SECTION C : Attempt any one question .   **(1x10=10)**

Q1.What is food chain   ? Explain the main characteristics of food chain . How many types of food chains are present in the ecosystem explain them with suitable examples ?

Q2.Why India is known as megadiverse nation ?Explain the causes of loss of biodiversity .What is Ex-situ conservation of biodiversity ,discuss with suitable examples ?