

5/4/2016

DOON UNIVERSITY, DEHRADUN

Mid-Term Examination, Second Semester, 2015-2016

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 (Marks : 8x1=8)

1. The type of succession occurring on a base rock is called –

- a) Halosere b) Lithosere c) Hydrosere d) None of these

2. Which of the following National Parks do not have tigers as their main wildlife –

- a) Gir b) Corbett c) Dudwa d) Ranthambore

3. Function of ecosystem is-

- a) flow of chemical nutrients b) flow of various gases
c) flow of water d) none

4. The darker zones in lakes where light penetration is negligible is called –

- a) Littoral zone b) Limnetic zone c) Profoundal zone d) Aphotic zone

5. Western Ghats are very rich in endemic species of –

- a) Birds b) Lions c) Amphibians d) Turtles

6. The grasslands found in Africa is known as-

- a) Tussocks b) Steppes c) Veldts d) Pampas

7. Western Ghats are very rich in endemic species of –

- a) Birds b) Lions c) Amphibians d) Turtles

8. The organisms feeding on dead organisms are called --

- a) Autotrophs b) Carnivores c) Detritivores d) Omnivores

SECTION : B(Short Answer Type Questions) Attempt all(Marks : 3x4=12)

- Q1. Briefly describe the ecosystem and its types.
- Q2. Depict diagrammatically the carbon , oxygen and water cycle.
- Q3. Define biodiversity . What are the major threats to biodiversity ?

SECTION : C (Long Answer Type Questions) Attempt any two(Marks : 2x5=10)

- Q1. Discuss the direct and indirect value of biodiversity .
- Q2. . What is food chain ? Give comparative account of grazing and detritus food chains with suitable examples
- Q3. Write short notes on the followings :
- a) Sailable features of India's biodiversity
 - b) Red Data Book

