

23/3/17

DOON UNIVERSITY, DEHRADUN
Mid-Term Examination , Second Semester,2016-2017
School of Management, IMBA
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)

(8x0.5 =4)

- Q1.** Which of the following terms does not apply to humans-
Primary consumers b) primary producers c) secondary consumers d) heterotrophs
- Q2.** The most important reason for decrease in biodiversity is –
a) Pollution b) introduction of exotic species c) over exploitation d) habitat destruction
- Q 3.** Trophic levels in ecosystem is formed by ;
Only herbivores b) only plants c) only bacteria d) organisms linked in food chain
- Q 4.** The energy transferred to the next trophic level-
Increases b) decreases c) remains the same d) none
- Q 5.** Gross primary productivity is highest in-
Open oceans b) wet tropical forests c) agroecosystems d) grasslands
- Q6.** Kaziranga National Park is famous for –
a) Hangul b) Tiger c) Elephant d) One-horned rhino
- Q7.** The concept of ecological pyramid was given by-
a) Anon kerner b) Charles Elton c) Warming d) Mayor
- Q8.** Earth's environment is mainly influenced by which forms of solar energy
Light & heat b) X-rays & Y- rays c) UV radiations d) low & high frequency radiations.

SECTION B : Attempt all questions .

(4x4=16)

- Q1.** How energy can flow in an ecosystem . . "The flow of energy is one way and continuous in an ecosystem "Justify.
- Q2.** What are the main objectives of environmental studies? Briefly explain the structure of atmosphere .
- Q3.** Explain them with suitable examples- a) Detritus food chain b) ecological pyramids.
- Q4.** Define biodiversity and its types .

SECTION C : Attempt any one question .

(1x10=10)

- Q1.** What are biogeochemical cycles ? How does nitrogen and water circulates in various segments of the environment ? Explain with diagrams.
- Q2.** Write note on- a) Values of biodiversity b) Desert ecosystem