

12/12/16

DOON UNIVERSITY, DEHRADUN
Final Examination , First Semester, 2016-2017
School of Physical Sciences, MSc. Integrated
(Physics, Chemistry, Mathematics & Computer Sciences)
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)

(10x0.5=5)

Q1 Common energy source in Indian village is-

a)electricity b) coal c) sun d) wood

Q2 Which of the following is nonpoint source of water pollution ?

a)Industries b) sewage treatment plants c) urban & suburban lands d)all

Q3. Which of the following is an example of impact of developmental activities on the hydrosphere ?

a)air pollution b) water pollution c) burning of fossil fuel d) none

Q4. Global atmospheric temperatures are likely to be increased due to –

a)burning of fossil fuel b) water pollution c) soil erosion d) none

Q5. Primary component in Biogeochemical cycle is

a) Human beings b) large animals c) water d) plants and microbes

Q6. Which of the following National Parks do not have tigers as their main wildlife –

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

Q7. Function of ecosystem is-

a) flow of chemical nutrients

b) flow of various gases

c) flow of water

d) none

Q8. Western Ghats are very rich in endemic species of –

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

Q 9. Gross primary productivity is highest in-

a) Open oceans b) wet tropical forests c) agroecosystems d) grasslands

Q10. Kaziranga National Park is famous for –

a) Hangul b) Tiger c) Elephant d) One-horned rhino

SECTION B : Attempt any three questions .

(3x5=15)

Q1. Define environmental pollution . How will you classify the pollutants?

Q2. What are the main objectives of conservation of biodiversity? What are the major threat to biodiversity?

Q3. Briefly describe the green house effect. What are the major consequences of global warming?

Q4. What are natural resources ? How will you classify natural resources ?

SECTION C : Attempt any one question .

(1x10=10)

Q1. Is ozone useful or harmful to us ? Discuss briefly . What are the major gases responsible for ozone layer depletion ? Explain the phenomenon of ozone layer depletion and its impacts.

Q2. Give classification of solid wastes. How can the solid waste be managed? Justify the statement 'A developing country cannot afford wastage of waste materials '.