

02/07/19

Girijananda Chowdhury Institute of Pharmaceutical Science
Non University Semester examination June-2019
B.Pharm 2nd Semester

Subject: ENVIRONMENTAL SCIENCES

Paper – BP2061

Full Marks – 50

Assistant Librarian
Bina Chowdhury Central Library
(GIMT & GIPS)
Guwahati - 781017
Time: 2 hours

Q.1. Any two from the followings: 2x10=20

a. What do you understand by Lithosphere, hydrosphere, atmosphere and biosphere. What do you understand by Ecosystem? Describe the structure and components of ecosystem.

(2+3+5)

b. What is the need of public awareness of environmental studies? What do you mean by “Green house gases” and “Acid Rain”?

(5+3+2)

a. What do you understand by Environmental pollution? Write down the differences between biodegradable and non biodegradable pollutant. Write note on role of individual in prevention and control of pollution.

2+4+4

Q.2. Any six from the followings 6x5=30

a. Define Ecology. Describe the multidisciplinary nature of Environmental studies.

(1+4)

b. Define the terms: Coniferous forest, Deciduous forest, Thorn forest, Mangrove forest.

c. Define renewable and non-renewable resources. Give

examples of both renewable and non-renewable resources. (2+3)

d. Explain the factors responsible for land degradation. Describe the value of minerals as natural resources.

(3+2)

e. Define the terms Particulate matter, Photochemical smog, Mist.

Mention different effect of particulate matter in environment. 3+2

f. Describe details of waste water treatment process. 5

g. What are the cause, hazardous effects and preventive measures of air pollution.

h. Mentioned the different types of grassland in India. Write a short note on Food chain on grass land ecosystem 2+3

i. Write short note on Desert ecosystem 5