

Name:



Enrolment No:

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May 2022

Course: Environmental sciences

Semester: II

Program: B.Pharmacy

Duration: 02 Hours

Course Code: BP206T

Max. Marks: 50

Instructions: Read questions carefully

SECTION A
(2Qx10M=20 Marks)

Attempt 02 Questions out of 03 Questions

S. No.		Marks	COs
Q1	Environmental Studies is multidisciplinary in nature. Explain it.	10	CO1
Q2	Explain Rooftop rain water harvesting technique with the help of conceptual diagram.	10	CO2
Q3	Differentiate between a) Indoor air pollution and Outdoor air pollution b) Biodegradable waste and Non-Biodegradable waste	05+05	CO3

SECTION B
(6Qx5M=30 Marks)

Attempt 06 Questions out of 08 Questions

Q1	Define term Ecological Succession and Biodiversity	2.5+2.5	CO1
Q2	State five merits of biogas energy.	05	CO1
Q3	With the help of well labelled diagram, explain flow of energy in an ecosystem.	05	CO2
Q4	Briefly discuss different uses of minerals.	05	CO2
Q5	Differentiate between confined aquifer and unconfined aquifer.	05	CO3
Q6	Briefly assess the adverse impacts of ionizing radiations on living organisms.	05	CO3
Q7	Discuss few control measures adopted by the planner for construction of buildings in the earthquake and flood prone areas.	05	CO4
Q8	Briefly discuss five control measures adopted in an industry to develop it as a noise free entity.	05	CO4