

Roll No.

SCHOOL OF UNANI MEDICAL EDUCATION & RESEARCH
BUMS FIRST PROF. (BATCH:2021-2022) ANNUAL EXAMINATION 2023
PAPER CODE: ES-01
ENVIRONMENTAL STUDIES

Time: 03 hours

Max Marks: 75

ATTEMPT ALL QUESTIONS IN CONTINUATION

Q1. Define the following (Any 15):

(15)

- a) Food chain
- b) Ecosystem
- c) Biotic components in an ecosystem
- d) Trophic levels
- e) Montreal Protocol
- f) Secondary productivity
- g) Biodiversity

- h) Hotspots
- i) Eutrophication
- j) Soil horizons
- k) Primary pollutants
- l) Kyoto Protocol
- m) Exhaustible resources
- n) Aquatic ecosystem
- o) Food web
- p) Point sources of Pollution

Q2. Define air pollution. Explain the major causes, effects and control measures for air pollution.

(15)

OR

Explain effects caused by water pollutants. Briefly write about sustainable water management.

(15)

Q3. What is an ecosystem? Give an explanation about structure and function of forest ecosystem.

(15)

OR

What are ecological pyramids and its types? Write an example for the each.

(15)

Q4. What are natural resources? Write about the beneficial attributes regarding energy resources.

(15)

OR

a) Differentiate between renewable and non-renewable resources.

(7.5*2=15)

b) Brief about the multidisciplinary nature of environmental studies.

Q5. What are hotspots? List the major hotspots present in the world. Explain the different types of species enlisted in IUCN Red Data Book.

(15)

OR

Write a short note on ozone layer, its importance and its depletion.

(15)