

MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR
SEMESTER END THEORY EXAMINATION, B.Tech. (D.T.)

Semester	: I (V Dean)	Academic Year	: 2021-2022
Course No.	: DBM-104	Course Title	: Environmental Studies
Credits	: 1+1=2	Total Marks	: 50
Day & Date	: Wednesday, 11/05/2022	Time	: 02:30 hrs

- Note :**
- 1) All questions from **Section 'A'** are compulsory.
 - 2) Solve **Any Three** questions from **Section 'B'**.
 - 3) Draw neat and well labelled diagram wherever necessary.

SECTION - 'A'

Q. 1 A) Choose the most appropriate answer from the options given below. (05)

- i) The organism which feed on dead organism is known as
 - a) Decomposer
 - b) Consumer
 - c) Producer
 - d) Carnivores
- ii) Biotic environments includes
 - a) Producer
 - b) Carnivores
 - c) Decomposer
 - d) All of these
- iii) The pollutant responsible for ozone holes is.....
 - a) CO₂
 - b) SO₂
 - c) CO
 - d) CFC
- iv) When trees are cut, amount of oxygen
 - a) Decreases
 - b) Increases
 - c) Both a) and b)
 - d) None of these
- v) Which of the following is not created by noise pollution.
 - a) Diarrhea
 - b) Hypertension
 - c) Deafness
 - d) Irritation

B) Define the following terms: (05)

- i) Ecosystem
- ii) Ecology
- iii) Pollution
- iv) Acid rain
- v) Food chain

Q. 2 A) Answer the following. (05)

- i) State factors of environment.
- ii) Enlist any four biochemical cycles of environment.
- iii) Give the full form of ETP.
- iv) State three "R" of environment friendly.
- v) What is global warming?

- B) State True or false. Rewrite the false statement after making necessary corrections. (05)
- i) Environment includes oxygen and nitrogen
 - ii) Producer-Consumer –Decomposer series is the true about energy flow in ecosystem.
 - iii) Highest percentage of air consists of Oxygen.
 - iv) World Environmental day is celebrated on 5th July
 - v) Air pollution causes global warming.

SECTION –‘B’

- Q. 3 A) Explain the scope and importance of Environmental Studies. (05)
B) Discuss in detail various natural resources and their managements. (05)
- Q. 4 A) Write structure and function of ecosystem. (05)
B) Explain different biochemical cycles of ecosystem. (05)
- Q. 5 A) What is food chain and food web with its examples. (03)
B) What is water pollution? State its sources. (03)
C) Explain preventive measures to control air pollution. (04)
- Q. 6 A) What is radioactive pollution? State its causes. (03)
B) State any two laws which help to control environmental pollution. (03)
C) State advantages of recycling of factory effluent. (04)
- Q.7 Explain in details the food processing industry waste and their management. (10)
