

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

Semester	: 1 (V Dean)	Academic Year	: 2023-2024
Course No.	: DBM-104	Course Title	: Environmental Studies
Credits	: 2(1+1)	Total Marks	: 50
Day & Date	: Tuesday, 05/03/2024	Time	: 2.00 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) World water day is celebrated on .....
  - a) 22 March
  - b) 22 May
  - c) 22 June
  - d) 22 April
- ii) World Environment Day is celebrated on .....
  - a) 5 July
  - b) 5 August
  - c) 5 June
  - d) 5 April
- iii) World Ozone day is on .....
  - a) 24 September
  - b) 16 September
  - c) 6 September
  - d) 5 September
- iv) Which of the following is most environmental friendly agricultural practice .....
  - a) Using chemical fertilization
  - b) Using pesticide
  - c) Organic farming
  - d) None of these
- v) Planting of trees in an area where it had recent coverage of trees is called .....
  - a) Reforestation
  - b) Forestation
  - c) Afforestation
  - d) Deforestation

B) Answer in one sentence. (05)

- i) Compositing
- ii) Hazardous waste
- iii) Pesticide
- iv) Flood
- v) Septic tank

Q. 2 A) Give the Characteristics of breeds for the following. (05)

- i) Abiotic
- ii) Disaster
- iii) Cyclone
- iv) Minerals
- v) Biotic

(P.T.O.)

- B) State whether True or False. If false, rewrite the statement after making necessary corrections. (05)
- i) Ecology is a branch of biology.
  - ii) The adverse effect of modern agricultural is soil degradation.
  - iii) Food web is complex food chain.
  - iv) Mineralization is done by microbes.
  - v) Carbon dioxide has role an important in maintaining atmosphere temperature.

#### SECTION - 'B'

- Q. 3 A) Explain detail about Air pollution : sources, cause , control and prevention. (05)  
B) Explain the Classification of pollution. (05)
- Q. 4 A) What is the environmental impact of excessive use of pesticides in agriculture? (05)  
Explain in detail.  
B) Briefly explain about the waste management in food industry. (05)
- Q. 5 A) Explain the conservation of biodiversity. (03)  
B) Explain Nitrogen Cycle detail. (03)  
C) Explain the term ecosystem. (04)
- Q. 6 A) Explain the preventive measures for forest resources. (03)  
B) Explain the Problem associated with water pollution. (03)  
C) Describe briefly management of individual waste water. (04)
- Q. 7 Define the environmental resources? Difference between Renewable and Non - (10)  
Renewable resources.

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