

Mid-West University
Examinations Management Office

Surkhet, Nepal

End Semester Examination-2081

Level: B.Ed. / IV Semester

Sub: Essential of Environmental Health (HEP 444/345)

Roll No.....

Group "A"

10×1 =10

Tick (✓) the best answers.

- Which one is the natural impurities of water?
 - microscopic plants and animals.
 - industrial wastes
 - sewage
 - agricultural pollution
- Which of the following methods is the modern concept of waste handling?
 - incineration the waste
 - reducing the waste
 - disposing the waste
 - dumping the waste
- Which step is not involved in the purification of water by rapid sand filters?
 - mixing
 - sedimentation
 - consumption
 - flocculation
- Which of the following is a primary cause of air pollution?
 - deforestation
 - industrial emissions
 - ozone depletion
 - acid rain
- Which of the following is not a primary contributor to the greenhouse effect?
 - carbon dioxide
 - carbon monoxide
 - methane gas
 - chlorofluorocarbons
- What is the term for the process of converting organic waste into nutrient-rich compost?
 - incineration
 - landfilling

c. composting

d. recycling

- The gas responsible for "acid rain" is
 - SO₂
 - CO₂
 - NO
 - SO₃
- The most serious environmental effect posed by hazardous wastes is
 - air pollution
 - contamination of groundwater
 - destruction of habitat
 - increased use of land for landfills
- Which one of the following terms according to the Greek Researcher Rather means ecology?
 - oikuslogs
 - ecosystem
 - oeikologie
 - house study
- Which chemical pollutant is most commonly associated with "acid rain" that impacts water bodies?
 - Sulfur dioxide (SO₂)
 - Nitrogen oxides (NO_x)
 - Carbon monoxide (CO)
 - Methane (CH₄)

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Time: 3.00 hrs.

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FM: 60

PM: 30

Candidates are required to give their answers in their own words as far as practicable.

Attempt all the questions.

Group "B"

6×5 = 30

1. What is ecology and provide a brief explanation of the role ecosystems play in the environment.
2. Write down the qualities of wholesome water. List and briefly explain the methods of purifying water on a small scale.
3. What are the importance of hygienic meat? Define the process quality control of meat.

Or

Mention the importance of animal milk in human health. List the methods of milk pasteurization and explain in brief.

4. What is meant by industrial pollution? Explain the impacts of climate change on human health.
5. What is Pesticide pollution? White its impact on public health with suitable examples.
6. Define food adulteration and list the measures that can be taken to prevent it.

Or

Define food safety and explain, with examples, how food security can be ensured for domestic food.

Group "C"

2×10 = 20

7. According to the Solid Waste Act 2068, write down the prohibited acts related to solid waste and the provisions of punishment mentioned in the Act.
8. What do you mean by environmental health? List the factors responsible for environmental pollution and suggest different ways to minimize the pollution in the country.

Or

What is meant by air pollution? Explain how air pollution affects the ozone layer and global climate.

THE END