

Mid-West University
Examinations Management Office
Final Examinations-2082

Bachelor level/Science/VII Semester
Time: 3 hrs.
Subject: Environmental Management (BOT473)

Full Marks: 60
Pass Marks: 30

Candidates are required to give their answers as far as practicable. The figures in the margin indicate full marks.

Section A

Answer the Following Questions (Attempt ALL)

[4× 8= 32]

1. What is soil degradation? Explain the causes, environmental and socioeconomic impacts and mitigation measures of soil degradation.
2. Define ecological restoration. Emphasize on ecological restoration practices in context of Nepal giving suitable examples.

OR

Highlight major threats to biodiversity in Nepal. What are the in - situ strategies of biodiversity conservation in Nepal. Explain in detail.

3. Describe the policies and process of EIA in Nepal.
4. Write short notes on:
 - a. IPR and patent rights
 - b. Sustainable agriculture

Section B

Answer the Following Questions (Attempt ALL)

[7× 3= 21]

5. What do you mean by watershed management? Discuss its significances.
6. Define GIS. Write down the application and components of GIS in resource management.
7. Discuss about the alternative energy resources and their prospect in Nepal.
8. Write explanatory note on ecotourism in Nepal.

OR

Highlight on the principle and approaches of sustainable forest management.

9. Describe different methods of ex-situ conservation.
10. How solid wastes could be well managed? Discuss.
11. Discuss the value of biodiversity.

Section C

Answer in Very Short (Attempt ANY SEVEN)

[7×1=7]

12. Define food security.
13. Define term paedogenesis.

- 14. Give two example of species richness.**
- 15. What is the role of Ramsar Convention?**
- 16. What is biochar and how it is made?**
- 17. What are the characteristics features of Invasive species? Give two examples.**
- 18. How the toxic wastes are managed?**
- 19. What do you mean by access-based sharing?**
- 20. Give the definition of biodiversity hotspots.**

The End