

Mid-West University
Examinations Management Office
Surkhet, Nepal
End Semester Examinations -2078

Bachelor level/ B.Sc /7th Semester
Time: 3 hrs

Full Marks : 100
Pass Marks : 50

Subject : Environmental Management (BOT 473)

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

Group-A

1. **Answer in very short questions** (*Attempt any Ten*) [10x1=10]

- a. What is the full form of REDD?
- b. Define integrated waste management.
- c. How energy crisis could be reduced?
- d. What is strip farming?
- e. What is the role of GIS in resource management?
- f. What do you mean by shifting cultivation?
- g. Mention the mission of Ramsar convention?
- h. What are the causes of habitat fragmentation?
- i. Define vulnerable species.
- j. What is the role of CITES in biodiversity conservation?
- k. List out any two protected flora of Nepal.
- l. Point out the impact of invasive species in biodiversity.

Group-B

Answer in short questions (*Attempt any Eight*) [8x5= 40]

2. Discuss on the IUCN management categories of protected areas.
3. Define agroforestry. Discuss the services of agroforestry system .
4. What do you mean by alternative energy sources? Describe its types.
5. Give an account of applications and major process of remote sensing.
6. What are the main causes of water resource degradation? How it can be managed?
7. Discuss the global and national environmental issues and explain how we can conserve our environment . List out strong points on them.
8. Describe the different types of soils of Nepal.
9. Explain the challenges of wildlife management in Nepal.
10. What are the main threats to biodiversity in Nepal? Describe.
11. What are the issues and causes of food insecurity in Nepal? Describe.

Group- C

Answer in long questions (*Attempt any Five*) [5x10= 50]

12. Describe the principles, policies and process of EIA in Nepal.

13. Explain the different methods of Ex-situ conservation in detail and explain national & international effort on conservation of biodiversity.
14. Define deforestation. What is the principle and approaches of sustainable forest management.
15. Explain the ecological restoration strategies of terrestrial and aquatic ecosystem.
16. Define ecotourism. Discuss the principles, opportunities and challenges of ecotourism in Nepal.
17. Write short notes on:
 - a. IPR in Nepal
 - b. Soil formation process.

THE END