



14/12/2012

DOON UNIVERSITY, DEHRADUN
Semester Final Examination, First Semester, 2012
School of Environment & Natural Resources

M.Sc. Environmental Science (Natural Resource Management)
Course: ENR – 557: Himalayan Ecosystem & People

Time Allowed:-3 Hours

Maximum Marks: 50

Note: Attempt All Questions from Sections A,B,C.

SECTION: A (Short Answer Type Questions/ to be answered in about 25 words). Attempt any TEN Questions. *(Marks: 1x10=10)*

1. What is NAPCC? What are major missions under NAPCC.
2. Why the Himalayan Economy is known as Money-order Economy?
3. Who were the original inhabitant of Himalayas?
4. What are the indicators of climate change in Mountains?
5. What is IHR? Name the states falling under IHR.
6. What is GLOF? Why they have become a threat to Mountains.
7. What are fragile ecosystems? Why Himalayas are fragile Ecosystems?
8. Name five important tribes of Himalayas.
9. Why Lepcha are considered as Vanishing Tribe?
10. Why Himalayas are important for the Ecological security of India?
11. Name five important peaks of Himalaya? Name the peaks which are exclusively located in India.
12. What is timberline and snow line?

SECTION: B (Short Answer Type Questions to be answered in about 250 words). Attempt any FIVE Questions. *(Marks: 5x5 =25)*

1. Discuss the formation of Himalayas with suitable Diagram.
2. Discuss the altitude-based occupational and associated cultural patterns in the Himalayas.
3. What are the major natural and anthropogenic disturbances in Himalayas?
4. What are mountain specificities? Discuss how these specificities can be converted in to opportunity.
5. What do you understand from subsistence agriculture? Name few important farming systems in mountains as per FAO
6. Why Himalayas are important in Bioresources? Discuss how this potential can be exploited for sustainable development in the Himalayan region.
7. Discuss the role of Himalayas as water Tower of Asia.

SECTION: C (Long Answer Type Questions to be answered in about 750 words). Attempt any TWO Questions. *(Marks: 7.5x2=15)*

1. What do you understand from the Endangerment of Himalayan Culture? What are different stages of cultural erosion in Himalayas? Discuss some of the Govt initiative in controlling the cultural erosion in Himalaya.
2. What is Eco-Tourism? Discuss how tourism can help in reducing poverty in and achieving sustainable development in Himalayas.
3. What is Shifting cultivation? Discuss the advantages and disadvantages of Shifting cultivation and the measures for controlling it.
4. What is NHSHE? Discuss the main objectives, issues and mandate of NMSHE.