



DOON UNIVERSITY, DEHRADUN
Final Semester Examination, 2016, First Sem
School of Environment & Natural Resources (M.Sc.)
Course: ENR – 557: Himalayan Ecosystem and People

Time Allowed: 2Hours *Maximum Marks: 50*
Note: Attempt All Questions from Sections A, B, C.

SECTION : A (Questions to be answered in about 25-50 words. Attempt any 10 Questions.
(Marks: 10x 1=10)

1. What is water divide and catchment?
2. What is the current average rate of temperature increase in Himalaya, in brief?
3. What are the key challenges of Climate change impacts, in brief?
4. Briefly define the tribes in Himalaya and their significance
5. Describe in bullets, Himalayan environmental issues?
6. What do you mean by Himalayan biodiversity?
7. Define in bullets the role and significance of Siwaliks?
8. What is barter system; define its role in context of Himalayas, in brief?
9. Define the types of terraces used for agriculture and farming in Himalayas?
10. What do you mean by ecotone?
11. Describe in brief the mountain and plain

SECTION : B (Questions to be answered in about 75-150 words. Attempt any 4 Questions
(Marks: 5 x 4=20)

1. List the socio-economic issues of Himalayan mountains?
2. What is ecotourism? Does it have potential in Himalaya if yes than how?
3. What do you mean by ecological communities?
4. Water resources and Biodiversity is affected by climate change, explain for Himalayan region?
5. Define in brief the basic characteristics of ecosystem?
6. Define cultural diversity in Himalayas?

SECTION : C (Questions to be answered in about 750 words, Attempt any 2 Questions.
(Marks: 10x 2=20)

1. How the climate change impacting mountainous communities? Is there any indicator of climate change from Himalaya? Please explain with example?

or

Explain the adaptive management and co management?

2. Explain the significance of Eco DRR for managing Himalayan ecosystem and livelihood?

or

What are ecosystem services? Explain ecosystem services we receive from any one ecosystem in Himalayan region?