



DOON UNIVERSITY, DEHRADUN
Semester Final Examination, Second Semester, 2013
M.Sc., School of Environment & Natural Resources

M.Sc. Environmental Science (EVS and NRM)
Course: EES – 555: Hazards Risk Analysis

Time Allowed: 3 Hours

Maximum Marks: 50

Section A:

Write short note on the following within 150 words. Attempt any 5

Each question carries 2 marks: (2X5) = 10

Q1.

- What is Risk Assessment?
- List the major salient features of Disaster Management Act?
- Define the total functional responsibility in ICS system?
- What do mean by Gender and Disaster?
- What are the basic properties and types for a hazardous material?
- Define carcinogens and its categories on the basis of cancerous potentiality?
- Discuss the importance of Potency factor (pf) with respect to incremental lifetime cancer risk
- What are various factors of perception which may enhance or lower the risk perception?

Section B:

Write short note on following not more than 250 wards. Attempt any 5

Each question carries 4 marks: (4X5) = 20

Q 2.

- Describe Communication, Networking and Coordination during Disaster?
- List the disaster identify by High Power Committee, Govt. of India?
- What is the role of trainings in Disaster Management?
- Discuss the Risk assessment process and its various components to analyse risk from any exposure?
- What is risk? Discuss various perspectives on Risks?
- List put the contents of Disaster Management Action Plan?
- What are the typical features of Landslide Area?
- What do you mean by Mountain Desert & Erosion of Hill Economy?

Section C:

Long answer of any two questions, minimum 750 words,

Each question carries 10 marks: (2x10) = 20

Q 3.

- Describe all the stages of Disaster Management Cycle with sketch?

Or

- Explain how natural resources, people and development are concern with disaster?
- Describe in detail the classification of landslides?

Or

- Describe preparedness In Uttarakhand in terms of Disaster management?