



24/3/2018

DOON UNIVERSITY, DEHRADUN
Mi Semester Examination, Third Semester, 2017-18
M.Sc. School of Environment & Natural Resources
Course: EES – 555: Hazard Risk Analysis and Management

Time Allowed: 2Hours

Maximum Marks: 30

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

SECTION : A (Short Answer Type Questions/ to be answered in about 25/50/75/150 words.

Attempt five Questions.

(Marks: 1x 5=5)

1. What are hazard, risk and capability?
2. What is training and how it is different from teaching?
3. What are the factors affecting vulnerability?
4. Full form of NDRF, NDMA, NIDM, DMMC, DMC, HPC
5. What is crises management?
6. What is focus, epicentre and seismic ways
7. List out various survival situations and their solutions?

SECTION: B (Short Answer Type Questions to be answered in about 75/100/250 words.

(Attempt any 5 Questions)

(Marks: 2x 5=10)

1. Why Disaster management Act is important?
2. What are the factors responsible for increasing number of disaster?
3. How do you define Disaster and Development?
4. Explain the relation between space and disaster management?
5. Describe the main points and pyramid of ICS
6. What do you mean by RISK explain its relation with hazard and vulnerability?
7. What do you mean by technology intervention in disaster management, explain with example?

SECTION : C (Long Answer Type Questions to be answered in about 750 words.

Attempt any two Questions.

(Marks: 7.5x 2=15)

1. Describe in detail the Disaster Management Action Plan for a village?
2. What do you mean by Himalayan vulnerability, suggest mitigative majors for securing livelihood?
3. What is climate change adaptation, how it is related with disaster management?