

4-4-2016



DOON UNIVERSITY, DEHRADUN
Mid Semester Examination, 2016
School of Environment & Natural Resources (M.Sc.)
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 any 10 Questions.

(Marks: 1 x 10=10)

1. Define hazard?
2. Define cloud burst?
3. Define; NDMA, NIDM, SDMA, DDMAP?
4. What is disaster?
5. What is vulnerability?
6. What is ICS?
7. List out the causes of deforestation?
8. Why Himalaya is fragile?
9. Define risk in disaster management?
10. What is NDRF, why it is formed?
11. What do you mean by task force?
12. What is golden hour?

SECTION : B (Short Answer Type Questions to be answered in about 75/100/250 words.
(Attempt any 4 Questions)

(Marks: 2.5x 4=15)

1. What do you mean by span of control?
2. Describe vulnerability factors?
3. What do you mean by communication, coordination and networking?
4. What do you mean by Administrative Divisions; in district?
5. Describe salient features –DM Act?
6. Make a proper diagram of Disaster management Continuum?
7. What do you mean by 5 primary ICS management functions?

SECTION : C (Long Answer Type Questions to be answered in about 750 words.
Attempt any 2 Questions.

(Marks: 5x 2=10)

1. Explain 7 desk systems in bullets?
2. Explain in your words; paradigm shift in disaster management?
3. How many vulnerabilities can be there in Himalaya, explain in your own words?