

16-12-16



DOON UNIVERSITY, DEHRADUN
Final Semester Examination, 2016, First Semester
School of Environment & Natural Resources (M.Sc.)
Course: ENR – 521: Earth and its process

Time Allowed: 3Hours

Maximum Marks: 50

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

SECTION : A (Short Answer Type Questions/ to be answered in about 25-50 words. Attempt any 10 Questions.

(Marks: 1x 10=10)

1. What is contour and spot height?
2. What is sill and dyke?
3. What is placer deposit?
4. What is tsunami?
5. What is erosion?
6. What is biologic zero?
7. What is water discharge?
8. What is stress and strain?
9. What is focus and epicentre in earth quake?
10. What do you mean by syncline and anticline?
11. What do mean by Natural Hazard and its types?

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

(Attempt any 4 Questions)

(Marks: 5 x 4=20)

1. What do you mean by in-situ and ex-situ soil and factors controlling its formation?
2. What do you mean by ground water and its types?
3. Define seismic waves with frequency and magnitude
4. Define the perched water table with sketch
5. List out the salient features of drainage system?
6. What is Dam, describe the types of dams
7. What do you mean by rate of mass movement?

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

Attempt any two Questions.

(Marks: 10x 2=20)

1. Explain the formation of volcano and its types
2. Explain the work of Atmosphere as a geological agency

Or

Explain the landslide based on activity