

Five Year Integrated M.Sc. Examination 2017

Semester-VI

Course: ENV-3-6-1

(Environmental Science)

Time: Three Hours

Full Marks: 40

Questions are of equal value or as indicated in the margin.
Answer **Question No.1** and **any four** questions from the rest.

1. Write short notes on **any four**: 4x2=8
 - a) BOD
 - b) Structure of tropical cyclone
 - c) Composite cones
 - d) Surface waves
 - e) Venn diagram of Natural Hazards
 2. Illustrate the classification of earth movements in detail. Write down the preventive measures for landslide. 6+2=8
 3. Explain the different causes and processes involved in Earthquake to happen. Compare Richter scale with Modified Mercalli intensity scale. 4+4=8
 4. What is disaster management cycle? Mention in detail about the principles of disaster management. 3+5=8
 5. What do you mean by fluoride pollution? Mention the environmental transport, distribution and transformation of fluoride. Explain the techniques available for fluoride removal from groundwater? 2+3+3=8
 6. What to you mean by eutrophication? Describe the different processes involved at municipal water purification plant. 3+5= 8
 7. What are the factors influencing metal toxicology? Explain the various environmental effects of chromium and its health impact. 3+5=8
-