

Ph.D. GEOLOGY  
(PHDGY)

Term-End Examination

June, 2019

RGYE-114 : ENVIRONMENTAL GEOLOGY

Time : 3 hours

Maximum Marks : 100

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Note : Answer any five questions. All questions carry equal marks.

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1. Explain in detail the recent advances in the field of Environmental Geology with suitable examples. 20
2. Write an essay on the techniques and instruments used in the study of fluvial processes. 20
3. What is soil erosion ? Explain the strategies adopted in reducing soil erosion. 20
4. Explain the types of mass wasting. Write a note on the impact of human activities on mass wasting. 20
5. Give a detailed amount of impact of mining activities on the local environment with suitable examples. Give case studies. 20
6. Write an essay on the recent, Kerala flood emphasizing on the anthropogenic influences. 20

7. Write short notes on **any two** of the following :
- (a) Groundwater pollution 2x10=20
  - (b) Tsunami
  - (c) Types of avalanches
  - (d) Application of remote sensing and GIS in environmental studies.
8. Write short notes on **any two** of the following :
- (a) Stability of slopes 2x10=20
  - (b) Climate change
  - (c) Waste management
  - (d) Environmental legislation
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