

**Ph.D. GEOLOGY  
(PHDGY)**

00019

**Term-End Examination**

**June, 2018**

**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. Give a detailed account of recent advances in environmental geology. 20
2. Explain the process of soil formation. Add a note on soil pollution and soil degradation. 20
3. Discuss in detail the anthropogenic influences on the environment. 20
4. How are floods caused ? Explain the strategies adopted in reducing the impacts of flood. 20

5. What are landslides ? Describe any one of the techniques used in the study of landslides. 20
6. What is groundwater pollution ? Explain the application of isotopes in groundwater pollution studies. 20
7. Write short notes on any **two** of the following :  $2 \times 10 = 20$
- (a) Channelization
  - (b) Coastal Erosion
  - (c) Environmental Legislation
  - (d) Sustainable Development
8. Write short notes on any **two** of the following :  $2 \times 10 = 20$
- (a) Vanishing Glaciers
  - (b) Types of Aquifers
  - (c) Global Warming
  - (d) Arsenic Hazard
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