

Ph. D. (GEOLOGY) (PHDGY)

Term-End Examination

December, 2024

RGYE–114 : ENVIRONMENTAL GEOLOGY

Time : 3 Hours

Maximum Marks : 100

Note : (i) Answer any *five* questions.

(ii) All questions carry equal marks.

1. Discuss the anthropogenic influence on water pollution. 20
2. Write an essay on the environmental problems and recent advances in their management approaches. 20
3. What are fossil fuels ? Explain the role of fossil fuels in climate change. 20
4. Discuss the different techniques and instruments used in the study of earth surface processes. 20

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5. Give an account on the application of geoinformatics in environmental geology related studies. 20

6. Describe the factors influencing slope stability. Add a note on the preventive measures adopted in slope stabilization. 20

7. Write short notes on any *two* of the following :

2×10=20

(a) Groundwater recharge

(b) Soil horizons

(c) Waste disposal

(d) Sea level rise

8. Write short notes on any *two* of the following :

2×10=20

(a) Desertification

(b) Seismic zonation

(c) Coastal landforms

(d) Sustainable development

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