(Pages : 2) **L – 6302**

Reg. No. : .....

Name : .....

First Semester M.Sc. Degree Examination, August 2021

Environmental Sciences

ES 212 ENVIRONMENTAL GEOLOGY

(2018 Admission Onwards)

Time : 3 Hours Max. Marks : 75

I. Write short note on any **ten** of the following:

1. Seismograph and seismogram
2. Core
3. Seafloor spreading
4. Moh's scale of Hardness
5. Hydrological budget
6. Drianage pattern
7. Tsunami and its waves characteristics
8. Hydrological drought
9. Risk and vulnerability
10. Biological weathering

P.T.O.

11. Ecohydrology

12. Topographic maps

(10 × 2 = 20 Marks)

II. Answer any **five** of the following:

13. Triggering and conditioning factors of landslides

14. Groundwater contamination

15. Components of rooftop rainwater harvesting

16. Depositional landforms of streams

17. Physical properties of minerals

18. Formation, types and structure of sedimentary rocks

19. Objectives of Watershed management

(5 × 5 = 25 Marks)

III. Answer any **three** of the following:

20. Write an essay on different types of weathering and soil formation process

21. Write an essay on types of eruption, products and environmental impacts of volcanoes.

22. Write an essay on causes, types and effects of drought

23. Write an essay on theories on origin of earth and comment on evolution of earth

(3 × 10 = 30 Marks)

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