

QP CODE: 25050571



Reg No :

Name :

MSc DEGREE (CSS) EXAMINATION, DECEMBER 2025

First Semester

M Sc ENVIRONMENT SCIENCE AND MANAGEMENT

Core Courses - ES010102 - ENVIRONMENTAL GEO SCIENCES

2019 Admission Onwards

3DD9C136

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Explain continental drift.
2. Name the Zoogeographical regions of the World.
3. Interpret the color of sky in terms of insolation.
4. What are jet streams?
5. What is MONEX?
6. Explain Walker circulation.
7. How estuaries are formed?
8. What is river meandering?
9. Discuss briefly groundwater movement and storage.
10. Define Lagoons.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Discuss about structure of the Earth.
12. Give an account of Earthquakes, instruments used for the measurement of earthquakes and their classification.
13. Explain biosphere and its divisions.





14. Interpret lapse rate and atmospheric stability.
15. Distinguish between different types of wind.
16. How rainfall and relative humidity of a region is measured?
17. Discuss the influence of meteorological factors on air pollution.
18. What are the different conventional methods of coastal protection?

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Classify clouds on the bases of their shapes and altitude.
20. How climate change leads to global warming and sea level rise?
21. Explain the influence of weather and climate on agriculture.
22. Explain the Slope processes.

(2×5=10 weightage)

