

Total page: 1

PG CBCS
M.A. /M.Sc. Semester-I Examination, 2020
GEOGRAPHY
 PAPER: GEO 103
 (CLIMATE, SOIL & AGRICULTURE)

Full Marks: 40

Time: 2 Hours

The figures in the right-hand margin indicate full marks.
 Candidates are required to give their answers in their own words as practicable.
 Illustrate the answers wherever necessary.

Write the answer for each unit in separate sheet

GROUP/UNIT - A
 (GEO 103.1: CLIMATOLOGY)

Answer any two questions from the following (within 500 words): **10 X 2=20**

1. Bring out the differences among macro, meso and micro climates with examples.
2. What conditions are necessary for the development of a tropical cyclone?
3. How is general circulation of wind related to differential heating?
4. Highlight the genesis of ENSO phenomena and briefly assess their impact on the biosphere citing appropriate examples.
5. “Sea Surface Temperature (SST) is an essential climate variable for understanding the climate system.” – Explain the statement.
6. Elaborately enumerate the biological evidences of climate change.

GROUP/UNIT - B
 (GEO 103.2: SOIL AND AGRICULTURAL GEOGRAPHY)

Answer any two questions from the following (within 500 words): **10 X 2=20**

- 1 Discuss the role of climatic factors on soil nature and formation.
2. Explain the role of chemical properties of soil in controlling fertility and productivity.
3. Highlight the concept of soil-landscape.
4. Critically discuss the role of institutional factors in determining agricultural pattern.
5. Elaborately explain the major goals of New Agricultural Policy of India introduced in 2020.
6. How does economic approach differ from deterministic approach in agricultural geography?