

2019

MA/MSc

2nd Semester Examination

GEOGRAPHY

PAPER – GEO-204

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 far as practicable.*

Illustrate the answers wherever necessary.

(Turn Over)

Resource and its Management**Group A**

1. Answer any one questions : 1×8=8

- a) How human resources development can be used as key for the Development in backward regions and what are the challenges of human resources development in those regions?
Explain the nature of geography as science of synthesis.

Group B

2. Answer any two questions : 2×4=8

- a) What are the major parameters to identify the backward regions in India?
b) Enumerate the indicators of livelihood security with special reference to India.
c) Discuss the sources of surface and ground water pollution.
d) Briefly discuss the role of space based technology in resource mapping and monitoring.

Group C

3. Answer any two questions : 2×2=4

- a) Mention two backward region of development program.
b) Differentiate HDI from GDI
c) What is 'Phantom pile' ?
d) State any two reasons for land degradation.

Earth System Science**Group A**

1. **Answer any ONE from the following questions:**

1×8=8

- a) Briefly discuss the salient features of the major layers of the earth's atmosphere.
- b) Devide West Bengal into Geomorphic Regions and explain their major features.

Group B

2. **Answer any TWO from the following questions:**

2×4

- a) Briefly discuss the epeirogenetic motion for the genesis of block mountain.
- b) Explain the mechanism of ozone hole formation.
- c) Identify the physiographic features of Sundarban region.
- d) Explain the factors behind the variation of salinity in the ocean.

Group C

3. **Answer any TWO from the following questions.**

2×2

- a) Mention the names of the discontinuities between asthenosphere and mantle and between mantle and outer core.
- b) What is submarine canyon?
- c) Define relative humidity.
- d) What is map projection?