Sessional Examination 2023

MA 4th Semester

Subject- Geography

Paper- GGY- 4176 (Environment and climate change)

Time: - 1 hr                                                                 Total Marks-20

Answer any two of the following questions -

1. What is climate change? Explain the impact of climate change?          2+8=10

2. How climate change effect on agricultural sector?                          10

3. Give a brief of the forest resources of North East India.                  10

4. Short notes (any two)                                                     5+5=10

 a) Aerosols

 b) Importance of study of climate prediction & projection

 c) Indian ocean diapole clouds.

 d) Kyoto protocol

---

Sessional Examination 2023

MA 4th Semester

Subject- Geography

Paper- GGY- 4186 (Geography of Bhutan, Bangladesh & Myanmar)

Time: - 1 hr                                                                 Total Marks-20

Answer any two of the following questions -

1. Write about the location and climate of Bhutan.                            10

2. Write about the ethno-religious and linguistic composition of Myanmar.     10

3.  Describe India-Bangladesh relation in terms of trade?                     10

4. Write Short notes (any two)-                                              5+5=10

 a) Indo-Bhutan relationship

 b) Bio-diversity of Bhutan

 c) Geo-political history between India & Bangladesh.

 d) Physiography of Myanmar.

Time: - 1 hr                                                    Total Marks-20

Answer any two of the following questions -

1. Describe the various spatial analysis tools used in GIS with suitable example.          10

2. What is image interpretation? Discuss the basic elements of image interpretation with their relevant.          10

3. Define topology? Describe various topological relationship used in GIS with suitable diagram.          2+8=10

4. Short notes (any two)-          5+5=10

 a) Image rectification

 b) Image classification

 c) Application of GIS in forestry

 d) DEM

---

Time: - 1 hr                                                    Total Marks-20

Answer any two of the following questions –

1. Discuss the rural-urban composition of population of India.          10

2. "Rapid growth of population has been creating many socio-economic problems." Explain the statement citing example from N.E. India.          10

3. Short notes (any two)          5+5=10

 a) Migration in India

 b) Trend of population growth in India.

 c) Age-sex Composition.