



Raja N. L. Khan Women's College (Autonomous)

2022

Geography

P.G. CBCS

First Semester Examination 2021

Paper: GEO- 104

Full Marks - 40

Time- 2hrs

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 answers as necessary.

Unit – 7

Climatology

Group- A

1. Answer any one question 1x8=8
- Examine the evidences of climate change in different geological periods.
 - Discuss the impact of Jet stream on Indian monsoon.

Group- B

2. Answer any two questions 2x4=8
- Write a short note on tricellular model of general circulation of atmospheric system.
 - How does El Nino impact on Indian monsoon?
 - Explain with example the processes of airmass modification through thermodynamic mechanism.
 - Highlight the importance of weather forecasting on Indian economy and livelihood.

Group- C

3. Answer any two questions 2x2=4
- What is 'synoptic chart'?
 - Why does Burst of monsoon occur at early monsoon?
 - What is meant by thermocline?
 - What is little ice age?

Unit 8

Natural Hazard & Disaster Management

Group-A

1. Answer any one question: 1X8=8

- a. Define desertification and explain the measures to arrest desertification.
- b. What is tsunami and discuss its impacts .

Group-B

2. Answer any two questions: 2X4=8

- a. Mention different phases of disaster management program.
- b. Explain the effects of earthquake hazard.
- c. Write on the core elements of disaster resilience.
- d. Briefly discuss the social perspective of natural disaster planning and management.

Group-C

3. Answer any two questions: 2x2= 4

- a. What is anthropogenic hazard?
- b. Define agricultural draught.
- c. What is storm surge?
- d. Differentiate vulnerability from disaster.