CERTIFICATE/DIPLOMA IN DISASTER MANAGEMENT, SECURITY POLICY AND GOVERNANCE

SEMESTER-1

CDMGT-5- DISASTER, CLIMATE CHANGE AND HUMAN SECURITY

MAX.MARKS:100

PASS: 40%

INTERNAL: 30

EXTERNAL: 70

CREDITS: 6

OBJECTIVES

This course aims to provide students with an understanding of the interrelationship between disasters, climate change, and human security. The objective is to help students understand the concept of human security, climate-related environmental risks, climate governance frameworks, and the disaster–climate nexus. The course also seeks to develop awareness of sustainable development, resilience building, public health security, the vulnerabilities of marginalized groups, and the importance of national and international policy responses for addressing climate change and disaster-related challenges.

CO	Course Outcome
CO1	Understand the concept and dimensions of human security, the distinction between state security and human security, and the impact of climate change and environmental risks on human well-being.
CO2	Examine climate governance mechanisms, including international and national frameworks, and analyze the relationship between climate change and disaster risks.
CO3	Analyze the effects of disasters and climate change on sustainable development, resilience, food and water security, public health, and vulnerable populations.
CO4	Evaluate policy responses and international cooperation initiatives related to climate change, disaster management, climate justice, equity, and human security.

INSTRUCTIONS FOR THE PAPER SETTER/ EXAMINER:

1. The syllabus prescribed should be strictly adhered to.

2. The Question Paper will have 70 Multiple Choice questions (MCQs) and four choices of answers will be there covering the entire syllabus. Each question will carry 1 mark. All questions will be compulsory; hence candidates will attempt all the questions.

3. Paper-setters/Examiners are requested to distribute the questions from section A and Section B of the syllabus equally i.e., 35 questions from section A and 35 questions from Section B.

4. The examiner shall give clear instructions to the candidates to attempt questions.

5. The duration of each paper will be two hours.

INSTRUCTIONS FOR THE STUDENTS

The question paper shall consist of 70 Multiple Choice questions. All questions will be compulsory and each question will carry 1 mark. There will be no negative marking. Students are required to answer using OMR (Optimal Mark Recognition) sheets.

SECTION A

Unit 1: Concept of Human Security

Meaning and dimensions; UNDP Human Development Report (1994);
Difference between state security and human security.

Unit 2: Climate Change and Environmental Risks

Causes and consequences; Global warming; Environmental degradation; Climate vulnerability.

Unit 3: Climate Governance

Paris Agreement; UNFCCC; National Action Plan on Climate Change
(India).

Unit 4: Disaster–Climate Nexus

Extreme weather events; Sea-level rise; Food and water security; Climate migration.

SECTION B

Unit 5: Sustainable Development and Resilience

Sustainable Development Goals (SDGs); Green economy; Disasterresilient infrastructure.

Unit 6: Gender and Vulnerable Groups

Impact of disasters on women, children, elderly and marginalized communities.

Unit 7: Public Health and Pandemic Security

Health emergencies; Bio-security; Lessons from global pandemics.

Unit 8: Policy Responses and Global Cooperation

International cooperation; Regional climate initiatives; Climate justice and equity.

Suggested Readings

1. Baldwin, D. A. (1997). *The concept of security*. Review of International Studies, 23(1), 5–26.
2. Buzan, B. (1991). *People, states and fear: An agenda for international security studies in the post-Cold War era*. Lynne Rienner Publishers.
3. Buzan, B. (2007). *People, states and fear: An agenda for international security studies in the post-Cold War era* (2nd ed.). ECPR Press.
4. Coppola, D. P. (2015). *Introduction to international disaster management* (3rd ed.). Butterworth-Heinemann.
5. Freedman, L. (2013). *Strategy: A history*. Oxford University Press.
6. Government of India. (2005). *The Disaster Management Act, 2005*. Government of India.
7. Government of India. (Various years). *National Security Strategy documents*. Government of India.
8. Kapur, A. (2010). *Vulnerable India: A geographical study of disasters*. SagePublications.
9. National Disaster Management Authority (NDMA). (Various years). *Guidelines and annual reports*. Government of India.
10. United Nations. (Various years). *Sustainable Development Goals (SDGs) reports*. United Nations.
11. United Nations Office for Disaster Risk Reduction (UNDRR). (2015). *Sendai Framework for Disaster Risk Reduction 2015–2030*. United Nations