CERTIFICATE/DIPLOMA IN DISASTER MANAGEMENT, SECURITY POLICY AND GOVERNANCE

SEMESTER-1

CDMGT-1- INTRODUCTION TO DISASTER MANAGEMENT AND NATIONAL SECURITY

MAX.MARKS:100

PASS: 40%

INTERNAL: 30

EXTERNAL: 70

CREDITS: 6

OBJECTIVES

This course aims to introduce students to the concepts, principles, and practices of disaster management and national security. The objective is to help students understand the nature and types of disasters, disaster risk reduction strategies, institutional frameworks, governance mechanisms, and the relationship between disasters and national security. The course also seeks to develop awareness of contemporary challenges such as climate change, urban disasters, cyber threats, pandemics, and the role of national and international cooperation in disaster management and security.

CO	Course Outcome
CO1	Understand the concepts, nature, causes, and consequences of disasters, along with the disaster management cycle and its significance in risk reduction.
CO2	Examine the evolution of disaster management, key international frameworks, and the concepts and dimensions of national security, including traditional and non-traditional security threats.
CO3	Analyze the relationship between disasters and national security, as well as the institutional and governance frameworks for disaster management in India.
CO4	Evaluate the role of international cooperation, policy responses, and contemporary challenges such as climate change, cyber threats, urban disasters, and pandemics in shaping disaster management and national security strategies.

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 and Nature of Disaster

Definition of disaster, hazard, vulnerability and risk; Types of disasters – natural and man-made; Causes and consequences; Disaster cycle – mitigation, preparedness, response and recovery.

Unit 2: Evolution of Disaster Management

Historical development of disaster management; Shift from relief-centric approach to risk reduction; Sendai Framework for Disaster Risk Reduction; Role of international organizations.

Unit 3: Concept of National Security

Meaning and scope of national security; Traditional and non-traditional security; Human security; Internal and external security dimensions.

Unit 4: Disasters and National Security

Impact of disasters on sovereignty, political stability, economy and social order; Disasters as security threats; Disaster-induced migration and conflict.

SECTION B

Unit 5: Institutional Framework of Disaster Management in India

Disaster Management Act, 2005; National Disaster Management Authority (NDMA); State and District Disaster Management Authorities; Role of armed forces and NDRF.

Unit 6: Governance and Policy Response

Role of central and state governments; Inter-agency coordination; Civil-military relations in disaster response; Role of local governance institutions.

Unit 7: International Cooperation and Security

Role of United Nations; Humanitarian intervention; Regional cooperation in South Asia; Disaster diplomacy.

Unit 8: Contemporary Challenges

Climate change and environmental degradation; Urban disasters; Cyber threats and critical infrastructure security; Pandemic and biological threats.

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*. Sage Publications.
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.