Subject: DEFENCE AND STRATEGIC STUDIES

UNIT - I

THEORIES AND CONCEPTS

1. Defence and Strategic Studies: Assumptions and Approaches.
2. The Concepts of Nation:
   - State and Nation – State, Theories and Elements of State
   - National Power and its Components
4. National Security Concerns of Major Powers, Middle Powers and Small Powers
7. Defence, Foreign, Security and Domestic Policies; Concept formulation, objectives and linkages.
10. Deterrence and Détente: Concept and contemporary relevance.

UNIT – II

STRATEGIC THOUGHT

1. Contribution of Sun Tzu,
2. Kautiliya,
UNIT – III

WAR AS AN INSTRUMENT IN INTERNATIONAL RELATIONS

1. Theories and causes of War.
2. Principles of War.
4. Armaments: Arms Race, Arms Aid, Arms Trade, Arms Proliferation, Proliferation of Small Arms
9. Evolution of Global Nuclear Doctrines
10. Democratic Peace Theory

UNIT – IV

WMD, NUCLEAR PROLIFERATION AND NATIONAL SECURITY

1. Basic Concepts and Theory
   (i) Concepts of Disarmament & Arms Control
   (ii) Objectives and Conditions of Disarmament
   (iii) Elements of Arms Control Mechanisms: Agreements, verification, inspection, control.
   (iv) Approaches to Disarmament & Arms Control
2. Historical Survey of Disarmament Efforts:
(i) Under the League of Nations
(ii) Under the United Nations
(iii) Unilateral, Bilateral and Multilateral approaches
(iv) Role of Non-aligned Nations in Disarmament Negotiations

5. Chemical weapons Convention and Biological Weapons Convention
6. Concept of Non-proliferation, NPT, CTBT, PTBT MTCR FMCT, & other treaties
7. Nuclear Export Control Regimes
8. New Challenges and Responses - Missile Defense, Cooperative Threat Reduction and G-7 Global Partnership
9. Disarmament & Arms Control and Economic Development
10. Terrorism and Nuclear Proliferation.
11. Concept of Star Wars and NMD

UNIT – V

GLOBAL SECURITY CONCERNS

1. End of cold war and emergence of new world order.
2. Proliferation of Military, Nuclear and missile capabilities
3. Environmental Issues: climate change and Global Warming, Desertification, Acid Rains, Industrial Pollution, Deforestation
5. Migrants and Refugees: (a) Causes (b) Illegal migration and border management (c) Problem in South Asia (d) Role of International Committee of Red Cross and UN High Commission for Refugees.
7. Problem of System of Governance and Human Rights

UNIT – VI

INDIA’S SECURITY CONCERNS & POLICIES IN CONTEMPORARY INTERNATIONAL SCENARIO

1. Genesis of Sino-Indian Relations
2. The Boundary Dispute, Sino- Pakistan Nexus, OBOR and CPEC, China and India- Military Balance, Chinese Policy towards South Asia
3. Rise of India and China: Cooperation and Competition, Chinese Interests in Indian Ocean and South China Sea
5. India and South Asia: Issues and Challenges for Regional Cooperation.
8. India’s maritime security and strategy in 21st century: (a) Indian Ocean (b) Asia-Pacific region (c) Security of Sea Lanes, India’s Maritime Strategy for the 21st Century.
9. India’s Defence Doctrines and Strategies including Nuclear Doctrine
10. Higher Defence Organization of India.

UNIT – VII

ISSUES IN CONFLICT RESOLUTION

1. Origin, Type and Structure of Conflict.
2. Ideologies and International conflicts.
3. Role of United Nations in Conflict Management and Re – Structuring of UNO
4. Techniques of Conflict Prevention
5. Conflict Management : Pacific Solutions of International Disputes, Coercive methods.
7. Confidence Building Measures : Concept, kinds and utility.
9. Gandhian Philosophy on Peace and Non-violence
10. Nehruvian approach to National Security and Cooperation

UNIT – VIII

DISASTER MANAGEMENT AND NATIONAL SECURITY

1. Basic Concept & meaning of Disaster, Introduction to terminologies associated with Disaster and National Security: Natural and Manmade, Vulnerability, Risk etc., Identifying various types of Disasters.
2. Natural Disaster and Human Induced Disaster: Floods, Cyclone, Earthquake, Tsunami - WMD Disaster - Disaster associated with various industries
3. Study of Disaster in India / Around the World: Case Studies: Tsunami 2004, Bhopal Gas Tragedy, Chernobyl, Fukushima, Uttarakhand etc.
4. Disaster Management : Meaning, Association and Distinction with related concepts like Disaster Mitigation, Response, and Recovery, Relief, and Reconstruction
5. Institutional Mechanism for Disaster Management in India: Role of Armed Forces, Central and State Governments, NGO, National Disaster Management Authority, Indian National Centre for Ocean Information Services.

UNIT – IX

DEFENCE ECONOMICS

1. Economic Theories of Defence.
2. Sustainable Development: Challenges & Responses.
4. Defence Budgeting.
5. Economic Causes of War.
7. Economic Problems of Post War reconstruction.
9. India’s role in Regional and Global Economic Forums and Organizations.
10. Geo-economics and its Implications for global/regional economic stability

UNIT –X

SCIENCE & TECHNOLOGY AND NATIONAL SECURITY

1. Broad Survey of Technological Changes from Industrial Revolution to Information Revolution.
2. India’s Civil Nuclear and Space Programs, India’s Energy Scenario.
3. Research and Development :
   - Relevance of Science and Technology in National Security.
   - Impact of Information Technology; Revolution in Military Affairs (RMA).
   - Choice of Weapon Systems.
4. Impact of Economic Liberalization and Globalization :
   - Defence Production in India ( Role of DPSU’s and Ordnance factories )
   - Defence and Development and Peace & Development Dichotomies.
5. Issues of Mobilization of Resources during War and Peace.
7. Transfer of Technology : Dual use and critical technologies and their impact on national security.
8. Interdependence and Cooperation at Regional and Global levels.
10. Social Media and its Impact on National Security- Global reach with rapid speed for propaganda and indoctrinate misinformation and rumour mongering cadre recruitment and use of social networking sites for mobilizing public opinion.