

PANJAB UNIVERSITY, CHANDIGARH

(Estd. under the Panjab University Act VII of 1947- enacted by the Govt. of India)

FACULTY OF ARTS

SYLLABI

FOR

**M.A. DEFENCE & STRATEGIC STUDIES
(SEMESTER SYSTEM)
EXAMINATIONS, 2016-17**

- : 0 :-

GUIDELINES FOR CONTINUOUS INTERNAL ASSESSMENT (20%) FOR REGULAR STUDENTS OF POSTGRADUATE COURSES OF M.A. IN DEFENCE & STRATEGIC STUDIES (SEMESTER SYSTEM)
(Effective from the First Year Admissions for the Academic Session 2009-2010)

1. The Syndicate has approved the following guidelines, mode of testing and evaluation including Continuous Internal Assessment of students :

- (i) Terminal Evaluation : 80 %
- (ii) Continuous Assessment : 20 %
- (iii) Continuous Assessment may include written assignment, snap tests, participation in discussions in the class, term papers, attendance etc.

(iv) In order to incorporate an element of Continuous Internal Assessment of students, the Colleges/Departments will conduct one written test as quantified below :

(a) Written Test	:	25 (reduced to 5)
(b) Snap Test	:	25 (reduced to 5)
(c) Term Paper	:	25 (reduced to 5)
(d) Participation in Class discussions	:	15 (reduced to 3)
(e) Attendance	:	10 (reduced to 2)
Total :		100 reduced to 20

2. Weightage of 2 marks for attendance component out of 20 marks for Continuous Assessment shall be available only to those students who attend 75% and more of classroom lectures/seminars/ workshops. The break-up of marks for **attendance component** for theory papers shall be as under :

<i>Attendance Component</i>	<i>Mark/s for Theory Papers</i>
(a) 75 % and above upto 85 %	1
(b) Above 85 %	2

3. It shall **not be compulsory** to pass in Continuous Internal Assessment. Thus, whatever marks are secured by a student out of 20% marks, will be carried forward and added to his/her score out of 80 %, i.e. the remaining marks allocated to the particular subject and, thus, he/she shall have to secure pass marks both in the University examinations as well as total of Internal Continuous Assessment and University examinations.

4. Continuous Internal Assessment awards from the affiliated Colleges/Departments must be sent to the Controller of Examinations, by name, **two weeks before** the commencement of the particular examination on the *proforma* obtainable from the Examination Branch.

SPECIAL NOTE:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) In the case of Postgraduate Courses in the Faculties of Arts, Science, Languages, Education, Design & Fine Arts, and Business Management & Commerce (falling under the purview of Academic Council), where such a provision of Internal Assessment/Continuous Assessment already exists, the same will continue as before.
- (iii) The marks obtained by a candidate in Continuous Internal Assessment in Postgraduate Classes from the admissions of 2009 will be shown separately in the Detailed-Marks-Card (D.M.C.).

PANJAB UNIVERSITY, CHANDIGARH
OUTLINES OF TESTS, SYLLABI AND COURSES OF READING IN THE
SUBJECT OF M.A. DEFENCE & STRATEGIC STUDIES FOR THE
SEMESTER SYSTEM EXAMINATION 2016-17.

CORE COURSES

FIRST SEMESTER

- D.S. 1: NATIONAL SECURITY CONCEPTUAL ASPECTS
- D.S. 2: CONCEPTS AND THEORIES OF INTERNATIONAL RELATIONS
- D.S. 3: ART OF WAR
- D.S. 4: ARMED FORCES AND SOCIETY

SECOND SEMESTER

- D.S. 5: DEFENCE ASPECTS OF INTERNATIONAL RELATIONS
- D.S. 6: STRATEGIC ASPECTS OF INDIA'S SECURITY
- D.S. 7: MODERN STRATEGIC THOUGHT
- D.S. 8: RESEARCH METHODOLOGY

THIRD SEMESTER

IMPORTANT NOTE: In M.A-II (3rd Semester) there will be three compulsory (Core) Papers and three optional Papers.

- D.S. 9: SCIENCE, TECHNOLOGY & NATIONAL SECURITY
- D.S. 10: AREA STUDY CHINA
- D.S. 11: DISSERTATION

OPTIONAL PAPERS (ANY ONE WILL BE OPTED)

- D.S. 12: INDIAN MILITARY HISTORY
- D.S.13: INDIAN OCEAN AND INDIA'S MARITIME SECURITY
- D.S.14: MAJOR CONFLICTS DURING COLD WAR ERA

FOURTH SEMESTER

IMPORTANT NOTE: In M.A-II (4th Semester) there will be three compulsory (Core) Papers and three optional Papers.

- D.S. 15: REGIONAL SECURITY AND COOPERATION IN SOUTH ASIA
- D.S. 16: DEFENCE ECONOMICS
- D.S. 17: AREA STUDY PAKISTAN

OPTIONAL PAPERS (ANY ONE WILL BE OPTED)

- D.S. 18: MAJOR CONFLICTS IN POST COLD WAR ERA
- D.S. 19: NON-TRADITIONAL DIMENSIONS OF INDIA'S SECURITY
- D.S. 20: INTERNAL SECURITY CHALLENGES OF INDIA

FIRST SEMESTER

D.S. 1: NATIONAL SECURITY CONCEPTUAL ASPECTS

Objective: The paper deals with the conceptual aspects of national security; its objective, nature, character and emerging trends.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper

NOTE:

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

Section - I

1. Explaining National Security, National Defence and National Interest
2. Evolution of the National Security Concept in 20th Century and beyond
3. Key Concepts of Security: Human, Sub-National, National, Regional and Global

Section- II

4. Objectives, Core Values and Challenges of National Security, National Power and National Interests
5. Concept of Comprehensive National Power
6. Nature and Character of threats to National Security: Emerging trends and changing Nature of Warfare

Section- III

7. Emerging Trends in National Security: An Overview of Political, Economic, Socio-Cultural Problems
8. Non-Traditional Dimensions of Security: Energy, Food, Water, Health, Environment, Drug Trafficking and Money Laundering

Section-IV

9. Higher Defence Organization and Decision-making structures of
 - a) U.S.A.
 - b) U.K.,
 - c) Russia
 - d) China
 - e) Pakistan

Suggested readings:

1. Annual Reports of Ministry of Defence, Government of India.
2. ARTRAC, Indian Army, National Security: Fundamentals, Doctrines and Concepts (Shimla, H.C. ARTRAC, 1999).
3. CPPR-Centre for Strategic Studies, National Security Management in Federal Structures: Perspective from India and the United States.(Kochi, India, 2014).
4. Donald M Snow, National Security for the new Era, (New York, Pearson Education Inc. 2014).
5. Kanti P. Bajpai, Harsh V. Pant, India's National Security: A Reader (India, Oxford University Press, 2013).
6. Gautam Sen, India's Security considerations in Nuclear Age, (New Delhi, Atlantic, 1986).
7. K. Subramanyam, Our National Security, (New Delhi, Economic and Scientific Research Foundation, Federation House, 1972).

8. L. J. Kavic, India's Quest for Security, 1947-1965, (New York, Columbia University Press, 1962).
9. P. N. Kathpalia, National security perspectives, (New Delhi, Lancer International, 1986).
10. R. N. Mishra, Indian Ocean & India's Security, (New Delhi, Mittal Publishers, 1985).
11. Rajendra Prasad, India's Security in 21st Century, (New Delhi, Dominant, 2001)
12. Thomas Raju & Amit Gupta, India's Nuclear Security, (New Delhi, Sage/Vister, 2000).
13. Thomas, Raju, India's Security Policy, (Princeton, Princeton University Press, 1986).

D.S. 2: CONCEPTS AND THEORIES OF INTERNATIONAL RELATIONS

Objective: The paper gives out the various theories and concepts of international relations including issues of current relevance

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

Section-I

1. The study of International Relations, Theory and Practice:
 - a) Idealist Approach
 - b) Realist and Neo-Realist Approaches
 - c) Liberal and Neo-Liberal Approaches
 - d) Marxist and other Radical Approaches
 - e) Decision making Approach and Game theory.

Section-II

2. International Security: Meaning, Concept and Current relevance in term of
 - a) Balance of Power
 - b) Balance of Terror
 - c) Collective Security
 - d) Comprehensive Security

Section-III

3. Economic Issues and Foreign Policy Challenges in 21st Century
 - a) Globalization
 - b) Non State actors, Multinational Corporations
 - c) Sustainable Development
 - d) Transfer of Technology

Section-IV

4. International Institutions: International Trade regimes (WTO, IMF, World Bank Asian Development Bank)
5. International Inequities
 - a) Issues Impinging on International Inequities
 - b) Processes of Divergence Leading to Conflict
 - c) Processes of Convergence Prompting Cooperation

Suggested readings:

1. Hans J. Morgenthau, Politics Among Nations, (New Delhi, Kalyani, 1985).
2. Kanta Ahuja et. Al, (edit), Regime Transformation & Global Realignment, Indo-European Dialogue on Post-Cold War World (Delhi, Sage, 1993).
3. Kashi Prasad Misra and K. R. Narayanan, Non-alignment in contemporary international relations, (New Delhi, Vikas, 1981).
4. Ken Booth and Steve Smith, (edit), International Relations Theory Today, (Oxford, Polity Press, 1995).

5. Mahendra Kapoor, Theoretical Aspect of International Politics, (Delhi, Shiva Lal Agarwala, 1972).
6. Noam Chomsky, World Orders: Old & New (Delhi, Oxford University Press, 1998).
7. Norman D. Palmer and Howard Perkins, International Relations (Calcutta, Scientific Book Agency, 1985)
8. Paul Kennedy, Preparing for the 21st Century, (Delhi, Harper Collins, 1995).
9. Rama S. Melkote and A. Narasimha Rao, International Relations, (Delhi, Sterling, 1992).
10. Scott, David. Handbook of India's International Relations. (London: Routledge, 2011).
11. V. N. Khanna, International relations, (Delhi, Vikas Publishing House Pvt. Ltd, 1997).
12. Vivekanandan, Jayashree. Interrogating International Relations. (New Delhi: Routledge, 2011).

D.S. 3: ART OF WAR

Objective: The paper deals with the strategic theorists having propounded doctrines related to the art of warfare, land, sea and air.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV

4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

Section - I

1. Sun Tzu's Art of War
2. Kautilya's Philosophy of War, Diplomacy and foreign Policy

Section- II

3. Machiavelli's views on Art of War
4. Vauban's theories on the Impact of Science on War, Fortification and Siege Warfare
5. Frederick's views on War

Section- III

6. Clausewitz's views on War: Theories, Strategies and Tactics
7. Fuller's views on Mechanized Warfare

Section-IV

8. Mahan's contribution to the Sea Power and Naval Warfare
9. Theories on Strategic Air-Power: Views of Douhet and Mitchell

Suggested readings:

1. A. T. Mahan, The influence of Sea Power Upon History 1660- 1783, (Dehradun, Natraj Publishers, 2003).
2. Brian, W. Blout, (edit), Global Geostrategy: Mackinder and the Defence of the West, (2005).
3. Carl Von Clausewitz, On War, (London, Kegan Paul, 1908).
4. Col. J. F. C. Fuller, On Future War, (London, Sifton Praed & Co. Ltd. 1928).
5. E. M. Earle, Makers of Modern Strategy: Military Thought from Machiavelli to Hitler, (Princeton University Press, 1948).

6. Jay Luvaas, Napoleon on the art of war, (Michigan, University of Michigan, 1999).
7. Martin Van Creveld, The Art of War & Military thought, (London, Cassell & Co., Wellington House, 2000).
8. Quincy Wright, A Study of War, (Illinois, University of Chicago press, 1942).
9. R.Shamasastri, Essentials of Indian Statecraft: Kautilya's Arthashastra for Contemporary readers, (Mysore, Mysore Printing & Publishing House, 1961).
10. Shekhar Adhikari, Modern Strategic Thought Machiavelli to Nuclear Warfare, (New Delhi, Kilaso Books, 2004).
11. Sun Tzu, The Art of War, (Shambhala Publications, 1999).

D.S. 4: ARMED FORCES AND SOCIETY

Objective: Armed forces and society has an important interface. The paper is about military organization and its role in society.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

Section-I

1. State, Society and Armed forces
2. Military organization: Discipline, Leadership, Hierarchy, Coordination, Motivation and Morale in the Armed forces
3. Military Coup: Types, Causes and Effects

Section-II

4. Sociology of war:
 - a) Social causes and Mobilization for War
 - b) Adjustment and Emotional problems during War
5. Post-war social problems:
 - a) Prisoners of War
 - b) Problems of large scale disbandment of personnel
 - c) Rehabilitation and social adjustment of Servicemen relieved after War

Section-III

6. Ex-Servicemen Personnel: Problems and Rehabilitation
7. Civil-Military relations in Democratic and Non Democratic systems
8. Role of Armed Forces in Aid to Civil Authority

Section-IV

9. Role of Armed Forces as an agent of Social change, Modernization and Economic Development
10. Women in the Armed Forces

Suggested readings:

1. A K Lal, Transformation of the Indian Armed Forces: 2025, (USI, Vij Books India Pvt Ltd, 2012).
2. Alix Stracheys, The Unconscious Motives of War, (London, Allen, 1957).
3. Anil Kumar Singh, Military and Media (New Delhi, Lancer Publishers & Distributors, 2006).
4. Apurba Kundu, Militarism in India: The Army and Civil Society in Consensus, (U.K, I. B. Tauris, 1988).

5. C. W. Mills, *The Power Elite*, (New York, Oxford University Press, 1959).
6. D. Feld Maury , *Structure of violence: armed forces as social systems*, (New Delhi, Sage Publications, 1977).
7. Eric A. Nordlinger, *Soldiers in Politics: Military Coups and Governments*, (London, Prentice-Hall, 1977).
8. Helena Carreiras, *Gender and the Military: Women in the Armed Forces of Western Democracies*, (London/New York, Routledge, 2006).
9. J. A. Khan, *Indian Armed Forces and Society*, (New Delhi, Anmol Publication,2006).
10. Jacques Van Doorn, (edit), *Armed Forces and Society: Sociological Essays*, (Mouton, 1968).
11. Johnson John (edit), *Race, Class & Military: The Role of the Military in Under-developed Countries*, (Princeton, Princeton University Press, 1962).
12. Morris Janowitz, *The Professional Soldier. A Social and Political Portrait* (New York, Free Press, 1964).
13. Samuel P. Huntington, *The Soldier and the State: The Theory and Politics of Civil-military Relations*, (London, Harvard university Press, 1985).
14. Stephen Peter Rosen, *Societies and Military Power: India and Its Armies*, (U.S, Cornell University Press, 1996).
15. Steven I. Wilkinson, *Army and Nation: The Military and Indian Democracy since Independence*, (London, Harvard University Press, 2015).
16. Thomas C. Bruneau, Florina Cristiana Matei (eds.), *The Routledge Handbook of Civil-Military Relations*, (London/New York, Routledge,2013).

SECOND SEMESTER

D.S. 5: DEFENCE ASPECTS OF INTERNATIONAL RELATIONS

Objective: Force is an important tool of international relations and diplomacy. The paper deals with an Approach to various international systems of current relevance.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.

- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

Section-I

1. Globalization and Security:
 - I. Define Globalization and its Implications for Sovereignty
 - II. Impact of Globalization on:
 - a) Information flow
 - b) Education and National Values
 - c) Human Rights and Democratic Freedom
 - d) Economic Expectations
 - e) Human Migration

Section-II

2. Diplomacy and Use of Force:
 - a) Meaning and Types of Diplomacy
 - b) Role of Diplomacy in Conflict Management
 - c) Security and Co-operation in International System
 - d) Use of Force in Conflict Management

Section-III

3. The United Nations:
 - a) Structure, Functions & Role
 - b) India's role in UN Peace Keeping Force
 - c) Restructuring of UN

4. Regional Organizations: EU, GCC, ASEAN, BIMSTEC, SAARC, SCO, BRICS, APEC, OIC, EAS

Section-IV

5. Cold War and Detente:
 - a) Cold War : Meaning and Evolution
 - b) Deterrence and Detente : Meaning, Nature and Scope
 - c) New Cold War
 - d) Emerging World Order
6. Issues of Nuclear Proliferation
7. Disarmament & Arms Control: Different types, efforts and achievements of UN.

Suggested readings:

1. Clive Jones and Caroline Kennedy, International Security in a Global age, (London, Frank Cass Publishers, 2000).
2. G. H. Jansen, Afro Asia and Non Alignment, (London, Faber & Faber, 1986).
3. Hans J. Morgenthau, Politics among Nations, (New Delhi, Kalyani, 1985).
4. Henry Kissinger: Diplomacy (Simon and Schister, 1994).
5. John Spanier, Games Nations play (London, C Q Press, 1990).
6. K. P. Saksena, Reforming the Sectioned Nations: the challenge of relevance, (New Delhi, Sage Publications, 1993).
7. Kanta Ahuja, (edit), Regime Transformation & Global Realignments: Indo-European Dialogue on Post-Cold War World (Delhi, Sage, 1993).
8. Ken Booth and Steve Smith (edit), International Relations Theory Today, (Oxford, Polity Press, 1995).
9. Noam Chomsky, World Orders: Old & New (Delhi, Oxford University Press, 1998).
10. Peter Mangold, National Security and International relations (London, Routledge, 1990).
11. Ritzer, George. Globalisation: A basic Text. Malden, MA: Wiley-Blackwell, 2010.
12. Steger, Manfred B. Globalisation: A Very Short Introduction, Oxford: Oxford University Press, 2003.

D.S. 6: STRATEGIC ASPECTS OF INDIA'S SECURITY

Objective: The security has both outward and inward Approach. The various security doctrines and higher defence organization forms the highlight of the paper.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

Section- I

1. Problems of India's Security: Threats, Challenges and Opportunities
 - a) External Security threats: Global and Regional threats
 - b) Internal Security Threats: LIC, Insurgency, Proxy War, Drug Trafficking, Terrorism, Organized Crime, Regionalism, Separatism and Fundamentalism

Section- II

2. India's Security Doctrines:
 - a) India's Army and Cold Start Doctrine
 - b) India's Maritime Doctrine.
 - c) Joint Warfare Doctrine
 - d) India's Nuclear Doctrine

Section- III

3. India and the Emerging World Order
4. India's Strategic relations with :
 - a) Immediate Neighbourhood
 - b) USA
 - c) Japan
 - d) China
 - e) Russia

Section- IV

5. Higher Defence Organization and Planning in India.
6. Structure, Role and Capabilities of Indian Armed Forces and Para-Military Forces.

Suggested readings:

1. Anil Kumar Singh, India's security concerns in the Indian Ocean region (Delhi, Har-Anand Publications, 2003).
2. Banerjee, Dipankar, (edit), Security Studies in South Asia: Change and Challenge (New Delhi, Manohar Publisher, 2000).
3. Brahma Chellaney, (edit), Securing India's Future in the New Millennium, (London, Sangam Books, 1999).
4. George K. Tanhem, Kanti Bajpai and Amitabh Mattoo, Securing India: Strategic thought and Practice in an Emerging Power, (Manohar Publishers and Distributors, New Delhi, 1996).
5. J. N. Dixit, (edit), External Affairs: Cross-Border Relations, (2003 New Delhi, Roli Books).
6. J.N. Dixit, India's foreign policy, 1947-2003 (New Delhi, Picus Books, 2003).
7. K. V. Krishna Rao, Prepare or Perish: a study of National Security, (Delhi, Lancers Publishers, 1991).

8. Maj. Gen. Dr. Virinder Ubroy, Threat Perceptions for National Security, (New Delhi, UBS publishers Distributors pvt. Ltd, 2004).
9. P. C. Dogra, (edit), Changing perspective on national security, (Delhi, Lancer's Books, 2004).
10. P. R. Chari, Malika Joseph and Suba Chandra, Missing Boundaries, (New Delhi, Manohar Publishers, 2003).
11. Prabhakaran Paleri, National Security Imperatives and Challenges, (New Delhi, Tata Mc Graw Hill Publishing Company 2008).
12. Paranjpe Shrikant, India and South Asia since 1971 (New Delhi, Radiant, 1995).
13. R. A. Singh, India's National security Through Ages, (Raj Publications, New Delhi, 2006).
14. Rajendra Prasad, India's Security in 21st Century (New Delhi, Dominant, 2001).
15. Rajendra Nath, Indian security threats & strategies, (Panchnad Research Institute, 1990).

D.S. 7: MODERN STRATEGIC THOUGHT

Objective: The paper deals with the theories of geo-politics and economics besides concepts of Marxist, guerillas and relevance of nuclear deterrence.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV.

4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

Section-I

1. Theories of Geopolitics
 - a) Mackinder's Heartland theory
 - b) Haushofer's views on Geopolitics

Section-II

2. Mao's Concept of Revolutionary War and Guerilla warfare
3. Engles and Marx: Revolutionary War & Military concepts of Social Revolutionaries

Section-III

4. Economic theories of Defence:
 - a) Adam Smith
 - b) Hamilton

Section-IV

5. Theories on Nuclear Deterrence with special reference to Dulles and Andre Beaufre's views on nuclear war
6. Conventional Warfare in Nuclear Age
7. Huntington's Theories of clash of Civilization

Suggested readings:

1. Alan Collins, Contemporary Security Studies, (New York, Oxford University press, 2007).
2. E. M. Earle, Makers of Modern Strategy, (Princeton University Press, 1960).
3. Greville Runble, The Politics of Nuclear, (Cambridge, Polity Press, 1985).

4. J. J. Graham (translated by), Clausewitz. Von's On War, (London, Kegan Paul, Trench, Trubner & Co. Ltd. 1908).
5. K. S. Tripathi, Evolution of Nuclear Strategy, (Vikas Publication, Delhi, Bombay, Bangalore, 1970).
6. Mao Tse-Tung & Che Guevara, Guerrilla Warfare, (London, Cannell, 1962).
7. Patrick O'Sullivan, Geopolitics, (London, Routledge, 1998).
8. R. P. Kanh, The Kautilya: Arthasastra, (Bombay University Press, 1965).
9. Kaplan, Robert D. The Revenge Of Geography. (New York: Random House, 2012).
10. Shekhar Adhikari, Modern Strategic Thought: Machiavelli to Nuclear Warfare, (New Delhi, Kilaso Books, 2004).
11. Windsor, Strategic thinking, (New Delhi, Viva books private limited, 2006).

D.S.8: RESEARCH METHODOLOGY

Objective: The paper deals with various basic elements of research problems, applications and types including research designs.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:-

1. The maximum marks for the theory paper shall be 80
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV

4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

Section-I

1. Research: Application, Types & Paradigms
2. Basic Elements of Research: Selection & Formulation of Research Problem and Review of Literature

Section-II

3. Hypothesis: Definition, Functions, Characteristics, Types & Testing Procedures
4. Research Design: Definition, Functions and Types

Section-III

5. Data Collection: Methods, Ethical issues in Data collection, Processing & Displaying Data.
6. Sampling –Concept, Principles & Types

Section-IV

7. Research Report Writing
8. Citation-References in Research: Kinds of reference style.
9. Evaluation – Meaning & Types

Suggested readings :

1. Booth and Wayne, Craft of Reasearch, (University of Chicago, 1995).
2. Deepak Kumar Bhattacharya, Research Methodology, (New Delhi, Excel Books, 2004).
3. G. R. Bosotia and K.K. Sharma, Research Methodology, (Jaipur, Mangal Deep, 1999).
4. Judith Bennett, Evaluation Methods in Research, (London, Continum, 2005).
5. M. N. Borse, Handbook of Research Methodology: Modern methods and New Techniques, (Jaipur, Shree Niwas, 2004).
6. Peter Clough and Cathy Nutbrown, Students Guide To methodology: Justifying Enquiry, (London, Sage, 2002).
7. R. Panneerselvam, Research Methodology, (New Delhi, PHI, 2004).
8. Hart, Chris. Doing Your Masters Dissertation, (London: Sage Publications, 2005).
9. Claire Seltiz et al., Research Methods in Social Relations, Reprinted, (Delhi: Surjeet Publications, 2007).
10. Guthrie, Gerard. Basic Research Methods. (New Delhi, India: SAGE Publications, 2010).

THIRD SEMESTER

D.S. 9: SCIENCE, TECHNOLOGY AND NATIONAL SECURITY

Objective: The paper converges on the role of science and technology in National Security and impact of new and emerging technologies on warfare.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION-I

1. Relevance of Science and Technology in National Security
2. Military Technologies and their Impact on Land, Sea and Air warfare

SECTION-II

3. Growth and Development of Nuclear Power in India
4. Growth and Development of Space & Ocean Technology in India

SECTION-III

5. International Interdependence and Transfer of Technology
6. Political, Military and Economic impact of Transfer of Technology
7. International Technology Control Regimes

SECTION-IV

8. New Technologies and their relevance to Security system:
 - a) Rockets and Missiles
 - b) Information and Communication Technology (ICT) /Cyber/Hacking.
 - c) Bio-Technology
 - d) LASERS/Satellite
 - e) Dual Technology
 - f) NMD
 - g) Stealth
 - h) Net Assessment
 - i) WMD
 - j) Nano Technology
 - k) UAV's
9. Electronic Warfare and Application of Electronic System in the Military Activities, C5I₂SR

Suggested readings:

1. B. S. Nanda, Science Technology in India's Transformation, (New Delhi, Concept, 1986)
2. D. M. Desoutter, Aircraft and Missiles: What They are, What They Do and How They Work, (London, Faber, 1989)
3. G. D. Bakshi, War in the 21st Century, (Delhi, Lancer Publishers, 1997)
4. Gerald Wendt, Prospects of Nuclear Power and Technology, (Van Nostrand, 1957)
5. Iqtidar Alam Khan, Gunpowder and Firearms: Warfare in Medieval India, (New Delhi, Oxford University Press, 2004)

6. J. N. Nanda, Science and Technology in India's transformation, (New Delhi, Concept Pub. Co, 1986)
7. Jayanta Kumar Ray, Security in the missile age, (New Delhi, Allied Publishers, 2006)
8. Joseph A. Angelo Jr., Nuclear Technology (New Delhi, Pentagon Press, 2009)
9. Macacy Kannets, Technology in World Arms and Armour, (London, 1961).
10. Michael O. Hanlon, Technology Change and the Future of Warfare, (New Delhi, Manas Publication, 2005)
11. Paul Leventhal, Sharon Tanzer and Steven Dolley, Nuclear Power and The Spread of Nuclear Weapons: Can we have one without the other? (Brassey's, 2002).
12. R. K. Suri, T. N. Chhabra, Cyber crime, (New York, Pentagon Press, 2004).
13. Samir K. Sen, Military Technology and Defence Industrialization, (New Delhi, Manas Publications, 2000).
14. Shantanu Dayal, C4I2SR for Indian Army: A Cost Effective System (New Delhi, KW Publishers, 2012).
15. Thomas & Hamnas, On War in the 21st Century, (New Delhi, Manas Publications, 2004).
16. U. R. Rao, India's Rise as a Space Power, (New Delhi, Cambridge University Press, 2011).

D.S. 10: AREA STUDY – CHINA

Objective: The paper focuses on geography and history of China with special emphasis on its defence policy, strategy, military modernization plans and relations with other countries.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for theory paper shall be 80
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION-I

1. Military Geography of China: Location, Size and Strategic importance
2. Population, Composition and Characteristics of major Ethnic groups

SECTION-II

3. Detailed History of China until the establishment of Communist regime
4. Determinants of Foreign and Defence Policy of China

SECTION-III

5. China's Military Modernization Programme
6. China's Nuclear & Space Development Programme

SECTION-IV

7. China's relations with:
 - a) USA
 - b) India
 - c) Russia
 - d) Japan
 - e) Pakistan
 - f) Central & West Asia
8. China's Maritime Strategy

Suggested readings:

1. Alka Acharya, *China and India- Politics of Incremental Engagement*, Har-Anand Publications, New Delhi, 2008.
2. Andrew Scobell, *China's Use of Military Force*, Cambridge University Press, New York, 2003.
3. B. R. Deepak, *India- China Relations: In the first half of the 20th Century*, APH Publishing House, New Delhi, 2001.
4. C.K. Kapur, *Chinese Military Modernisation*, Manas Publications. New Delhi, 2003.
5. Dinesh Lal, *Indo-Tibet-China Conflict*, Kalpaz Publications, New Delhi, 2008.
6. Immanuel C.Y. Hsu, *Rise of modern China*, Oxford University Press, New York, 2000.
7. Jasjit Singh (ed), *India, China and Panchsheel*, Sanchar Publication House, New Delhi, 1996.
8. John R.R. Faust, Judith F. Kornberg, *China in World Politics- Policies Processes and Prospects*, Lynne Rienner Publishers, Boulder, USA, 1995.
9. Liu Xuecheng, *The Sino-Indian border dispute and Sino-Indian relations*, University Press of America, 1994.
10. M.L. Sali, *India- China Border dispute: A case study of Eastern Sector*, A.P.H. Publishing, New Delhi, 1998.
11. R.V. Kumar, *Chinese Air Force threat: An Indian Perspective*, Manas Publication, New Delhi, 2003.
12. Ravi Vohra, P. K.Ghosh(eds), *China and the Indian Ocean region*, National Maritime Foundation, Anamaya Publishers, New Delhi, 2008.
13. Shen Qurong & Bhabani Sengupta (eds), *China looks at the World*, Konark Publishers Pvt. Ltd., Delhi, 1999.
14. Susant Shirk, *China- Fragile Superpower*, Oxford University Press, New York, 2007.
15. Vishnu Saraf, *India and China: Comparing the Incomparable*, Macmillan Publishers India, 2008.

D.S. 11: DISSERTATION

Objective: The students will be asked to write a detail assignment on various issues as suggested by teachers, which could be ascribed as pre-research orientation for them.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The Dissertation will be evaluated out of 80 marks by internal examiner.
- (ii) 20 marks will be allocated for viva-voce.

OPTIONAL PAPERS (ANY ONE WILL BE OPTED)

D. S. 12: INDIAN MILITARY HISTORY

Objective: The paper deals with military organizations of various armies since ancient times with special reference to their strategies and tactics adopted in the decisive battles fought in India.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.

5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION – I

1. Alexander's Invasion of India with special reference to the Battle of Hydaspes
2. Military system of Mauryas, Guptas and Cholas

SECTION-II

3. Military system of the Rajputs and their Art of Warfare with special reference to the Battles of Tarain- 1191, 1192 A.D
4. Babar's Invasion of India with special reference to the Battles of Panipat & Military System of Mughals under Akbar

SECTION-III

5. Military organization of Marathas under Shivaji :
 - a) Evolution of Guerilla Warfare
 - b) Principles of War , New techniques and Trends
6. Second and Third Battle of Panipat

SECTION-IV

7. Military system & pattern of War under Haider Ali and Tipu Sultan with special reference to Anglo-Mysore Wars
8. Military System of Maharaja Ranjit Singh:
 - a) Maharaja Ranjit Singh as a Leader and his campaigns
 - b) Organisation of Ranjit Singh's Army & Impact of Western Art of Warfare
 - c) Anglo-Sikh wars with special reference to the Battles of Sabraon, Ferozshah and Chillianwallah
9. 1857 – Indian Mutiny

Suggested readings :

1. B J. N. Sarkar, Shivaji and His Times (New Delhi, Orient Longman, 1973).
2. B. N. Majumdar, Study of Indian Military History (University of Michigan, Army Educational Stores ,1963).
3. B.N. Majumdar, Military System of The Sikhs, (New Delhi, Army Educational Store, 1965).
4. Fauja Singh Bajwa, Military System of the Sikhs during the period 1799-1849 (Delhi, Motilal Banarsidass, 1964).
5. Gurcharn Singh Sandhu, A Military History of Ancient India. (New Delhi, Vision Books, 2000).
6. J. F. C. Fuller, Generalship of Alexander the Great (London, Eyre and Spottiswoode Pub, 1958).
7. Jadunath Sarkar, Military History of India.(New Delhi, Orient Longman, 1960).
8. Jagdish Manohar, The Art of War in Medieval India (New Delhi, Munshiram Manohar Lal Pub, 1984).
9. James Duff Grant, History of Marathas (New Delhi, Associate Publishing House, 1971).
10. K. B. Kangley, Kautilya's Arthasastra (Bombay, University of Bombay, 1972).
11. Kiran Kumar Thapiyal, Shive Nandan Misra, Select Battles In Indian History: From Earliest Times To 2000 A.D, VOL-I (Delhi, Agam Kala Prakashan, 2002).
12. Kiran Kumar Thapiyal, Shive Nandan Misra, Select Battles In Indian History: From Earliest Times To 2000 A.D, VOL-II (Delhi, Agam Kala Prakashan, 2002).
13. M. B. Deopujari, Shivaji and the Maratha Art of War (Nagpur, Vidarbha Samshodan Mandal, 1973).
14. Peter Jackson, Delhi Sultanate: A political and Military History. (UK, Cambridge University Press, 2003).
15. Rajendra Nath, Military Leadership in India: Vedic period to Indo-Pak Wars. (New Delhi, Lancer Publication, 1990).

16. S. T. Das, Indian Military- Its History & Development, (Delhi, Sagar Publications, 1969).
17. Sarva Daman Singh, Ancient Indian Warfare: With Special Reference To The Vedic Period (Leiden, Brill, 1965).
18. Shamashastri, Arthasastra (Mysore, Mysore Printing & Publishing House, 1961).
19. V.R. Ramachandra Dikshitkar, War in Ancient India (Madras, Macmillan, 1948).

D.S. 13: INDIAN OCEAN AND INDIA'S MARITIME SECURITY

Objective: The paper focuses on geo-strategic significance & geo-political environment in Indian Ocean while emphasizing on India's Maritime Security. Moreover, it will deal with India's Maritime Security infrastructure, naval doctrine and capability of the country.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION-I

1. Geo-Strategic Importance of the Indian Ocean
2. Geo-Political Environment in the Indian Ocean Region

SECTION –II

3. Nature of Threats in the Indian Ocean
 - (a) Security of Sea Lanes
 - (b) Coastal Security
 - (c) Maritime Security
4. Security of India's Maritime Infrastructures

SECTION –III

5. Security of India's Exclusive Economic Zone
6. Bilateral and Multilateral Cooperation for Security in the Indian Ocean
7. Role of Extra Regional Powers in the Indian Ocean

SECTION –IV

8. Indian Naval Doctrine
9. Indian Navy : Strength and Capabilities

Suggested readings:

1. Anand Kumar Singh, India's security concern in the Indian Ocean region, (New Delhi, Har Anand Publications, 2003).
2. Brewster David, India's Ocean: The Story of India's Bid for Regional Leadership,(Newyork, Routledge Publication, 2014).
3. Cordesman Anthony H. and Toukan Abdullah,The Indian Ocean Region: A Strategic Net Assessment, (Washington, Centre for Strategic & International Studies, 2014).
4. Dasgupta, Ashin, India and the Indian Ocean world: trade and politics, (U.K. Oxford University Press, 2004).

5. Kanishka Nand Lal, Indian Ocean and peace zone politics. (New Delhi, Kanishka Publication, 1985).
6. Kumar Narender, Challenges in the Indian Ocean Region: Response Options, (New Delhi, Centre for Land Warfare Studies, 2011).
7. Kanishka Prabha, India's coast and ocean management, (New Delhi, Prabhas Chandra Publishers, 2005).
8. Michel David and Sticklor Russell, Indian Ocean Rising: Maritime Security and Policy Challenges,(London, Henry L. stimson Centre, 2012).
9. Mihir k. Roy, War in the Indian Ocean, (New Delhi, Lancer Publisher, 1995).
10. Misra, R.N., Indian Ocean and India's security, (New Delhi, Mittal Publication, 1986).
11. Raghavan V. R. and Prabhakar Lawrence W., Maritime Security in the Indian Ocean Region: Critical Issues in Debate, (Mumbai, Tata McGraw-Hill Publishing Company, 2008).
12. Singh Kunwar Rajendra, Maritime Security for India: New Challenges And Response,(New Delhi, New Centuary publication, 2008).
13. Singh K.R, Coastal Security: Maritime Dimension of India's Homeland Security, (New Delhi, Vij Books India, 2012).

D.S. 14: MAJOR CONFLICTS DURING COLD WAR ERA

Objective: This paper gives an overview of major conflicts having taken place in various regions of the world after World War II, giving broad reference to strategy and tactics.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV.
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION-I

- 1 An overview of various major upheavals in Europe :
 - a) Division of Germany and the Berlin Blockade
 - b) The Hungarian Uprising 1956
 - c) Czechoslovakian crisis 1968
 - d) East European Revolution 1989

SECTION-II

2. Arab-Israel and Gulf Conflicts:
 - (a) Arab- Israel War 1948-49
 - (b) Suez War 1956-57
 - (c) The six day war 1967
 - (d) The Yom Kippur war 1973
 - (e) Iran-Iraq War 1981-88

SECTION-III

3. Wars in South Asia:
 - (a) Indo Pak Wars (1947-48, 1965,1971)
 - (b) India China War 1962
4. Wars in East Asia:
 - a) Korean War 1950-53
 - b) Vietnam War

SECTION-IV

5. Central and Latin America:
 - a) Cuban Missile Crisis 1962
 - b) Falkland Crisis 1982
 - c) Grenada Crisis 1983

Suggested readings :

1. A World Atlas, Military History 1945-84 (London, Lei Cooper, 1984).
2. Abel Elie, The Missiles of October (McGibbon and Kee Ltd., 1966).
3. Atlas of 20th Century Warfare (London, Vision Books, 1986).
4. B. Bond, War and Society in Europe 1870-1970 (Fontana, 1984).
5. Dewan Berindranath, War and Peace in West Asia, (1969).
6. Donald M. Goldstein Katherine V. Dillon and J. Michael Wenger, The Vietnam War, (Washington, Brassey's, 1997).
7. Gilbert Martin, Routedledge Atlas of Arab Israel Conflict. (London, Routedledge, 2007).
8. Gulati M. N., Military Plight of Pakistan : Indo Pak War, 1947-48. (Manas Publications, 2000).
9. Hastings Max, The Battle for the Falklands (W. W. Norton and Co., 1983).
10. J. N. Dixit, Indo-Pak Relations: Anatomy of a Flawed Inheritance, (New Delhi, Manohar, 1995).
11. Louise T. Brown, War and Aftermath in Vietnam, (London, Routledge, 1991).
12. Palit D. K., Lightning Campaign : The Indo Pakistan War 1971 (New Delhi, Lancer International, 1991).
13. Palit D. K., War in High Himalayas (New Delhi, Lancer International, 1991).
14. Pradhan R. D., 1965 War : The Inside Story. (New Delhi, Atlantic Publishers and Distributers, 2007).
15. Rees David, Korea : The Limited War (Dehradun, Natraj Publishers, 1978).
16. Richard L. Merrit, Democracy Imposed: US Occupation Policy and the German Public 1945-1949, (New Haven, Yale, 1995).

FOURTH SEMESTER

D. S. 15: REGIONAL SECURITY AND COOPERATION IN SOUTH ASIA.

Objective: The paper focuses on the various dimensions of regional security, challenges and cooperation in South Asian politics.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

- 1. The maximum marks for the theory paper shall be 80.
- 2. The duration of examination shall be three hours.
- 3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV.
- 4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
- 5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION - I

- 1. Regional State System of South Asia: Its evolution and Geo-political structure
- 2. Sources of Insecurity, Incentives and Disincentives for Cooperation:
 - a) Sub-regional
 - b) Regional
 - c) Extra-regional

SECTION-II

3. Emerging security challenges in South Asia:
 - a) Mass Migration
 - b) Energy Security
 - c) Proliferation of Small Arms
 - d) Water Security
 - e) Environmental Security
 - f) Transnational Crime
 - g) Drug trafficking
 - h) Human trafficking
 - i) Religious fundamentalism

SECTION- III

4. Cooperation among South Asian States:
 - a) Origin and development of SAARC
 - b) Role of SAARC in South Asia
 - c) Problems and Prospects
5. Bilateral trade relations among South Asian countries

SECTION-IV

6. Conflict Resolution and Peace Building in South Asia
7. Nuclear factor in South Asia & its Impact on Security concerns of South Asian States

Suggested readings:

1. Arpit Tajain, Nuclear Deterrence in Southern Asia, (New Delhi, Sage Publications, 2005).
2. Ashok K. Behuria, South Asia: The Quest For Regional Cooperation, (New Delhi, Institute for Defence Studies and Analyses, 2009).
3. Charles K. Ebinger, Energy and Security in South Asia: Cooperation or Conflict, (Washington D.C., The Brookings Institution, 2011).
4. Devin. T. Hagerty, South Asia in World Politics, (Sectioned Kingdom, Rowman & Littlefield, 2005).

5. Dipanker Banerjee, (ed.) *Security Studies in South Asia: Changes and Challenges*, (New Delhi: Manohar Publishers, 2000).
6. Eric Gonsalves & Nancy Jetly, *The Dynamics of South Asia, Regional Cooperation and SAARC*, (New Delhi, Sage Publication, 1999).
7. Jacques Kathryn, *Bangladesh India and Pakistan: International Relations and Regional Tensions in South Asia*, (London, Macmillan, 2000).
8. Kishore C. Dash, *Regionalism in South Asia: Negotiating Cooperation, Institutional Structures*, (Oxon, Routledge, 2008).
9. Kodikara Shelton, *External Compulsions of South Asian Politics*, (New Delhi, Sage Publication, 1998).
10. Manas Chatterji, *Conflict and Peace in South Asia*, (United Kingdom, Emerald Group Publishing, 2008).
11. Nihar R Nayak, *Cooperative Security Framework for South Asia*, (New Delhi, Pentagon Press, 2013).
12. Shanthie Mariet D'Souza, Rajshree Jetly, *Perspectives on South Asian Security*, (World Scientific, Singapore, 2012).
13. Sudhir Kumar Singh, *Terrorism: A Global Phenomenon*, (Delhi, Authors Press, 2000).
14. Sultan Hafeez Rahman, Sridhar Khatri, Hans-Peter Brunner, *Regional Integration and Economic Development in South Asia*, (USA, Edward Elgar Publishing, 2012).
15. Swarna Rajagopalan, *Security and South Asia: Ideas, Institutions and Initiatives*, (Routledge, New Delhi, 2014).

D.S. 16: DEFENCE ECONOMICS

Objective: The paper pertains to the determinants of economic potential linked to defence and development.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

- 1. The maximum marks for theory paper shall be 80
- 2. The duration of examination shall be three hours.
- 3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
- 4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
- 5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION-I

- 1. The Economic Foundation of Military Power
- 2. Determinants of Defence Expenditure: Threat perceptions, Capabilities and Policies

SECTION-II

- 3. Economic Warfare: Nature, Content and Scope
- 4. Defence and Development : Concept and its Implication for India

SECTION-III

- 5. Defence Budget:
 - a) Structure of Defence Budget

- b) Financial Committees of the Parliament – Public Account Committee, Estimate Committee
 - c) Performance Budgeting – Comptroller and Auditor General (CAG)
6. Trends and Analysis of India's Defence spending since Independence and in comparison to Pakistan and China.

SECTION-IV

7. India's Policy for Defence Production with special reference to the concept of Make in India
8. India's Defence procurement Policy & the role of offset policy
9. Resource Mobilization and Fiscal Policy of War:
 - a) Domestic
 - b) Foreign

Suggested readings:

1. A. C. Pigou, Political economy of war. (LLC, Biblio Bazaar, 2009).
2. A. R. Prest, War Economics of Primary Producing Countries, (UK, Cambridge University Press, 2014).
3. Amiya Kumar Ghosh, India's Defence Budget and Expenditure Management in a wider context, (New Delhi, Lancer Publication, 1996).
4. Annual Reports: IISS, Military Balance (yearly).
5. D. D. Khanna and D.N. Mehrotra (eds.) Defence & Development: A case study of India, (New Delhi, Indus Publishing House, 1993).
6. Emile Benoit, Defence and Economic Growth in Developing Countries, (Lexington, Massachusetts, 1973).
7. Gavin Kennedy, Economics of Defence, (London, Faber & Faber, 1975).
8. K. Subramanyam, Defence and Development, (Calcutta, Minerva Associates, 1973).
9. K. Subramanyam, Perspective in Defence Planning, (New Delhi, Abhinav, 1972).
10. Meena Dutta and Jai Narain, Defence Economics, (New Delhi, Deep & Deep Publication, 2005).

11. N. C. Vij, Decoding India's Defence Procurement: An Analysis of Defence Procurement Procedure 2013, (New Delhi, Wisdom Tree, 2014).
12. Ron Mathews, Defence Production in India, (New Delhi, ABC, 1989).
13. Ron Smith, Military economics: the interaction of power and money, (U.K. Palgrave Macmillan, 2009).
14. S. S. Khera, India's Defence Problems, (Bombay, Orient Longman, 1968).
15. Thomas Raju, The Defence of India: A Budgetary Perspective of Strategy and Politics, (Bombay, Macmillan, 1978).
16. Utpal. K. Banerjee, Operational Analysis and Indian Defence, (New Delhi, Concept Publishing, 1980).

D.S. 17: AREA STUDY – PAKISTAN

Objective: The paper dwells on military geography, politics, defence policy and security problems of Pakistan besides focusing on its relations with regional and extra regional powers.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV

4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION-I

1. Military Geography of Pakistan: Its Geo-Strategic Significance
2. People and their Ethnic composition with special reference to Bloch and Pashtuns.

SECTION-II

3. Determinants of Foreign and Defence Policy of Pakistan
4. Pakistan's Politics and Role of military
5. Pakistan and its Internal Security Problems

SECTION-III

6. Role of US in Pakistan Politics
7. Pakistan's relations with China, India, Central Asia, Afghanistan and Iran
8. Pakistan and Terrorism: The emerging manifestations

SECTION-IV

9. Pakistan and its Nuclear Policy
10. Defence Potential of Pakistan

Suggested readings :

1. B.P Barua, Politics and constitution-making in India and Pakistan, Deep & Deep Publications, New Delhi, 1984.
2. Bidanda M. Chengappa, Pakistan: Islamisation, army and foreign policy, A.P.H. Publications, New Delhi, 2004.

3. E. Sridharan, *The India-pakistan Nuclear Relationship: Theories Of Deterrence And International Relations*, Routledge, 2007.
4. Gurmeet Kanwal, *Pakistans Proxy War*, Lancer Publishers, New Delhi, 2002.
5. Jagdish P Jain, *China, Pakistan, and Bangladesh*, Radiant Publishers, New Delhi, 1974.
6. Jai Prakash Sharma, *Federal systems of India and Pakistan: A comparative perspective*, Printwell Publishers: Exclusive distributor, Rupa Books International, Jaipur, India : 1987.
7. Jaswinder Kumar, *Irritants in Indo-Pak relations*, Deep & Deep Publications, New Delhi, 1989.
8. K.K. Bhardwaj, *Pakistan's March to Democracy and Liberalism*, Anmol Publications, New Delhi, 1999.
9. Kapil Kak, Amitabh Mattoo, Happymon Jacob(eds), *India & Pakistan: Pathways Ahead*, K W Publishers, New Delhi, 2007.
10. Rajvir Singh, *U.S.- Pakistan and India: Strategic relations*, Chugh Publications, Allahabad, 1985.
11. Rizwan Zeb, Suba Chandran, *Indo-Pak Conflicts*, Cambridge University Press, 2005.
12. Saeed Shafqat (edited), *Contemporary issues in Pakistan studies*, Lahore: Azad, 1998.
13. Sahdev Vohra, *Fifty Years of Pakistan*, Intellectual Book Corner, New Delhi, 1998.
14. Shuja Nawaz, *Crossed Swords - Pakistan, Its Army, and the Wars Within*, Oxford University Press, New York, 2008.
15. Verinder Grover & Ranjana Arora, (eds.) *50 years of Indo-Pak relations*, (3Vols), Deep & Deep Publications, New Delhi, 1998.

OPTIONAL PAPERS (ANY ONE WILL BE OPTED)

D.S. 18: MAJOR CONFLICTS IN POST COLD WAR ERA

Objective: This paper gives an overview of major conflicts having taken place in various regions of the world after Cold War, giving broad reference to strategy and tactics.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV.
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION-I

1. Europe:
 - (a) Chechan Crisis
 - (b) Yugoslav Crisis
 - (c) Georgian Crisis
 - (d) Ukraine Crisis

SECTION-II

2. South, East and South East Asia
 - a) Kargil War 1999
 - b) Rise and fall of Taliban in Afghanistan
 - c) Post 9/11 Global war on terror in Af Pak region
 - d) Srilankan Tamil Crisis
 - e) East Timor Crisis 1999
 - f) Senkaku islands Dispute
 - g) South China Sea dispute

SECTION-III

3. West Asia:
 - a) Gulf war 1991
 - b) US invasion of Iraq 2003
 - c) ISIS in Syria and Iraq
 - d) Yemen Crisis

SECTION-IV

4. Africa
 - a) Congo Crisis
 - b) Nigerian Civil War
 - c) Somalian Crisis
 - d) Libyan Crisis
 - e) Egyptian Crisis
 - f) Sudan Crisis

Suggested readings :

1. Adda B. Bozeman, Conflicts in Africa: Concepts and Realities, (1976).
2. Andrew J. Bacevich and Eliot A. Cohen, (edit), War over Kosovo, (Columbia University press, 2001).
3. Birbal Nath, Kashmir, The Nuclear Flashpoint, (New Delhi, Manas, 1948).
4. Dabashi Hamid, The Arab Spring: The End of Post Colonialism. (Zed Books, 2012).

5. Deepinder Singh, The IPKF in Sri Lanka, (Noida, Trishul Publication, 2001).
6. James Gow, Triumph of Lack of will: International Diplomacy and the Yugoslav War, (London, Hurst, 1997).
7. Kaplan Robert D., Asia's Cauldron : The South China Sea and the End of a Stable Pacific. (Random House, 2014).
8. Karlekar Hiranmay, Endgame in Afghanistan. (Sage Publications India, 2012).
9. Lowe Peter, The Causes and Consequences of Seperatist Conflicts in Sri Lanka: Tamil Seperatism and Civil War Case Study. (2014).
10. Malik V. P., Kargil : From Surprise to Victory. (Harpar Collins India, 2006).
11. McCants William, The ISIS Apocalypse : The History, Strategy and Domsday Vision of the Islamic State. (Macmillian, 2015)
12. Robert Brad, (edit) Order and Disorder after the Cold War, (Cambridge, M A, 1995).
13. Sakwa Richard, Frontline Ukraine : Crisis in the Borderlands (I. B. Tauris, 2014).
14. Sreedhar, The Gulf: Scramble for Security, (New Delhi, ABC, 1983).
15. Susan Woodward, Balkan Tragedy Washington, Brookings Institution, 1995).
16. V. D. Chopra (edit) Rise of Terrorism and Secessionism in Eurasia, (New Delhi, Gyan, 2001).
17. W. Danspeckgruber and Tripps (edit), The Iraqi Aggression against Kuwait (Colorado, Boulder, 1996).

D.S. 19: NON -TRADITIONAL DIMENSIONS OF INDIA'S SECURITY

Objective: The paper deals with hosts of non-traditional threats to India's security. Such threats which are of unorthodox nature find their impact on the country from inside and also a convenient leverage by the adversary in the larger gambit of threats to the country in the new millennium.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV.
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION -I

1. Non-Traditional Threats: Definition and concept
2. Terrorism, Energy Security, Environmental Security, Food Security, Water Security, Health Security, illegal migration Hawala and Narcotics as Non-Traditional Threats, Internally displaced person

SECTION-II

3. Economic Disparities and Social Inequalities: Causes & effects
4. Cyber Security : Role of Media and Social Networking Sites

SECTION-III

5. Understanding Sub-Conventional Wars : Causes and Effects
6. India's Policies and Instruments to Counter threats of Sub-Conventional Wars

SECTION -IV

7. India's Policy Response to Non-Traditional Threats
8. International Cooperation in Countering Non-Traditional Threats

Suggested readings:

1. Swain Ashok, Understanding Emerging Security Challenges: Threats and Opportunities, (U.K. Routledge, 2013).
2. Bhatt M.S, Poverty and Food Security in India: Problems and Policies,(New Delhi, Aakar Books, 2004).
3. Buzan Barry, Ole Waever and Jaap de Wilde, Theory on Non- traditional security threats, **Security: A New Framework for Analysis, (Colorado, Boulder CO: Lynne Rienner Publishers ,1998).**
4. Dixit, K.C., 2012, Building army's human resource for sub-conventional warfare, (New Delhi, Institute for Defence Studies and Analyses, 2012).
5. Gandhi Navniit, National Security: Emerging Dimension and Threats, (Washington, Pentagon Security International, 2010).
6. Gautam, P.k., Environmental Security: Internal and External Dimensions and Response, (New Delhi, Knowledge World Publishers, 2003).
7. Gopal Malviya, Security Dimensions of Peninsular India, (Chennai, Centre for Security Analysis, 2005).
8. Gopinath Meenakshi and Gupta Sumona Das Regional Conference on Non-Traditional Security Discourse: gender and South Asia: A report, (New Delhi, Women in Security Conflict Management and Peace, Foundation for Universal Responsibility, 2011).
9. Joshi S., Navigating the Near: Non-traditional Security Threats to India 2022, (New Delhi, Knowledge World Publishers, 2011).
10. Miklian Jason and Kolas Ashid, India's Human Security: Lost Debates, Forgotten people, Intractable Challenges,(Newyork, Routledge Publication, 2014).
11. Mely Caballero-Anthony and Alistair D.B. Cook, Non-Traditional Security in Asia: Issues, Challenges and Framework for Action, (Singapore, Institute of Southeast Asian Studies, 2013).
12. Nath Rajendra, Khosla Shyam and Malik Ashok , India security threats & strategies, (Chandigarh, Panchnad Research Institute, 1990).
13. Raghavan, V.R, India and Asean: non-traditional security threats, (Madras, East West Pvt. Lt. 2007).

D.S. 20: INTERNAL SECURITY CHALLENGES OF INDIA

Objective: The paper dwells on various internal security challenges to India's Security and also deals with India's policy response to counter these challenges.

INSTRUCTIONS FOR PAPER SETTER AND THE CANDIDATES:

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put below mentioned note in the question paper.

NOTE:

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV.
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question should not exceed 30 words and shall carry 2 marks.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

SECTION –I

1. Causes of Internal Security Challenges
 - (a) Tribal Rights
 - (b) Underdevelopment
 - (c) Economic Insecurity
 - (d) Land Deprivation
 - (e) Rural Unemployment
 - (f) Farmer suicides
 - (g) Minority Rights
 - (h) Communal Politics
 - (i) Centre-States Relations
 - (j) Judicial and Social Activism and their implications for Internal Security

SECTION-II

2. Case studies :
 - (a) Jammu & Kashmir Insurgency
 - (b) Punjab Insurgency
3. Problem of Left wing extremism and terrorism

SECTION -III

4. Internal security challenges in North East:
 - (a) Assamese Nationalism and Bodo Insurgency
 - (b) Ethnic conflict in Nagaland
 - (c) Tripuri Nationalism and Militancy
 - (d) Insurgency in Manipur
 - (e) Other North East Insurgencies

SECTION -IV

5. External Factors in India's Internal Security
6. India's response to Internal Security Challenges

Suggested readings:

1. Mathur, K.M., Internal Security Challenges and Police In A Developing Society (Jaipur, RBSA Publishers, 1989).
2. Singh, S.M., Human rights and internal security, (Manglam Publications, Bangalore, 2012).
3. Sahni, Sati, Kashmir Underground. (New Delhi, Har-Anand Publications Pvt. Ltd, 1999).
4. Dang, Satyapal, Terrorism in Punjab, (Gyan Publishing House, 2000).
5. Chima, Jagdeep S., Sikh Separatist Insurgency in India, (New Delhi: Sage Publications, 2010).
6. Rammohun, E.N., Amrit Pal Singh, A K Agarwal, Maoist Insurgency and India's Internal Security Architecture, (New Delhi, Vij Books India Private Limited, 2012).
7. Narahari, N. S., Security Threats to the North East India: The Socio Economic Tensions. (New Delhi, Manas Publications, 2002).
8. Dev, Nirendra, Talking Guns: North East India. (New Delhi, Manas Publications, 2009).
9. Agnihotri, S. K., B. Datta-Ray, ed. Perspective of Security and Development in North East India, (New Delhi, Concept Publishing Company, 2005).
10. Robert Stewart and Derrick Frazier, Regional Powers and Security Orders: A Theoretical Framework, (U.K. Routledge, 2012).
11. Gill, K.P.S., ed, Terror and containment: perspectives of India's internal security, (New Delhi, Gyan Publishing House, 2001).

12. Mathur, K.M., Police, Law and Internal Security, (New Delhi, Gyan Publishing House, 1996).
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14. Bhattacharya, P., Tridib Chakraborti, Shibashis Chatterjee, Anatomy of Fear: Essays on India's Internal Security, (New Delhi, Lancers Books, 2004).
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