





**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 2020-21**

**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 (3<sup>rd</sup> 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

## **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)

#### **Section-IV**

9. Higher Defence Organization and Decision-making structures of
- U.S.A.
  - U.K.,
  - Russia
  - China
  - Pakistan

#### **Suggested readings:**

- Annual Reports of Ministry of Defence, Government of India.
- ARTRAC, Indian Army, National Security: Fundamentals, Doctrines and Concepts (Shimla, H.C. ARTRAC, 1999).
- CPPR-Centre for Strategic Studies, National Security Management in Federal Structures: Perspective from India and the United States.( Kochi, India, 2014).
- Donald M Snow, National Security for the new Era, (New York, Pearson Education Inc. 2014).
- Kanti P. Bajpai, Harsh V. Pant, India's National Security: A Reader ( India, Oxford University Press, 2013).
- Gautam Sen, India's Security Considerations in Nuclear Age, (New Delhi, Atlantic, 1986).
- K. Subramanyam, Our National Security, (New Delhi, Economic and Scientific Research Foundation, Federation House, 1972).
- L. J. Kavic, India's Quest for Security, 1947-1965, (New York, Columbia University Press, 1962).
- P. N. Kathpalia, National Security Perspectives, (New Delhi, Lancer International, 1986).
- R. N. Mishra, Indian Ocean & India's Security, (New Delhi, Mittal Publishers, 1985).
- Rajendra Prasad, India's Security in 21<sup>st</sup> Century, (New Delhi, Dominant, 2001)
- Thomas Raju & Amit Gupta, India's Nuclear Security, (New Delhi, Sage/Vister, 2000).
- 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



**Suggested readings:**

1.

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



#### **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). 8.

**SECOND SEMESTER**

**D.S. 5: DEFENCE ASPECTS OF INTERNATIONAL RELATIONS**

**Objective**

### **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 10.6383( )-5.511(a)-21915( )-5.33()333TJ 7(t)-19.8.4051

## **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.



8. R. P. Kangh, 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).



### **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 Research, (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,

## **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.

- c) Bio-Technology
- d) LASERS/Satellite
- e) Dual Technology
- f) NMD
- g) Stealth
- h) Net Assessment
- i) WMD
- j) Nano Technology
- k) UAV's
- l) Artificial Intelligence
- m) Cyber Space

9. Electronic Warfare and Application of Electronic Systems in the Military Activities, C5I<sub>2</sub>SR

**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 21<sup>st</sup> 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,

**D.S. 10: AREA STUDY – CHINA**

c)

**D.S. 11: DISSERTATION**

## 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

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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.8715(h)31.9149(e)-2.807383(a)18.469(s)6.02







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.

NOTE

Suez War 1956-57  
The Six Day War 1967  
The Yom Kippur War 1973  
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 20<sup>th</sup> Century Warfare (London, Vision Books, 1986).
4. B. Bond, War and Society in Europe 1870-1970 (Fontana, 1984).
- 5.

**FOURTH SEMESTER**

### **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

15. Swarna Rajagopalan, Security and South Asia: Ideas, Institutions and Initiatives, (Routledge, New Delhi, 2014).

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**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.





#### **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, Happyman Jacob(eds), India & Pakistan: Pathways Ahead, K W Publishers, New Delhi, 2007.
- 10.

**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)

### **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.

## **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 compul

### **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.



## **Section –IV**