DR.AMBEDKAR GOVERNMENT ARTS COLLEGE, (AUTONOMOUS) DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

BOARD OF STUDIES MEETING

The board of studies meeting of the Department Of Defence And Strategic Studies held on at 10/06/2019 at 10.00A.M in the Department Of Defence And Strategic Studies, Dr.Ambedkar Government Arts College, Chennai. The following members were present.

S. N	NAME	DESIGNATION	SIGNATURE
1	Mrs.Y. VIJAYALAKSHMI PRIYA	CHAIR PERSON ASSOCIATE PROFESSOR AND HEAD I/C DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES, DR. AMBEDKAR GOVERNMENT ARTS COLLEGE (AUTONOMOUS), CHENNAI-39.	My bles
2	Dr. S. UTHAM KUMAR	UNIVERSITY NOMINEE	
	JAMADHGANI	PROFESSOR AND HEAD, DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES,	siefmodu
		UNIVERSITY OF MADRAS, CHENNAI-05.	
3	Dr. V.P. NEDUNCHEZHIYAN	SUBJECT EXPERT – 1 EXTERNAL MEMBER ASSOCIATE PROFESSOR DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES, GURUNANAK COLLEGE, CHENNAI- 42	o Sol
4	Dr M. VENKATARAMAN	SUBJECT EXPERT – 2 EXTERNAL MEMBER ASSISTANT PROFESSOR DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES, UNIVERSITY OF MADRAS, CHENNAI-05	Mugaman.
5	Lt.Col.M. MURUGANANTHAM (Retd)	INDUSTRIALIST CHIEF MENTOR AND CONSULTANT STAR OFFICE STUDY CIRCLE CHENNAI-05	Jugan (1) Gl.
6	Mr. R. NAVEENRAJ	POSTGRADUATE ALUMNUS M.A POLITICAL SCIENCE IN UNIVERSITY OF MADRAS, B.A DEFENCE AND STRATEGIC STUDIES IN DR. AMBEDKAR GOVT, ARTS	2.00

	FACULTY MEMBERS		
1.	Dr, S. Uma	Guest Faculty	
2.	Mr. K.Jayaprakash	Guest Faculty	
3.	Mr. A. Janakiraman	Guest Faculty	

The following changes were discussed and wereapproved by the Board of Studies meeting for the course in the Department of Defence and Strategic Studies as given below.

Semester	Paper	Existing Paper	Proposed Change
	No.		
I	NME	Independent India	Human Rights
II	Core	Art of Warfare in India (Upto	History of Freedom Movement in
	Ш	1947)	India 1857 -1947
П	ACII	Political Science An	Indian Constitution
		Introduction II	
Ш	Core	Elements of National Security	Specialized Warfare
	. V		
V	Core	Science, Technology and	Terrorism
	X	National Security	
		Subject Title Change	
IV	Core	Military Geography and Geo	Geo politics and Geo Strategy
	VII	Politics	

Dr. AMBEDKAR GOVERNMENT ARTS COLLEGE (AUTONOMOUS)

VYASARPADI, CHENNAI - 600 039

B.A. DEGREE COURSE IN DEFENCE AND STRATEGIC STUDIES

CHOICE BASED CREDIT SYSTEM

(W.e.f.2019-2020)

That in the regulations relating to B.A.Degree course in Defence and Strategic Studies No.6-Scheme of Examinations of I to VI semesters be modified as follows;

Revised scheme of Examination

FIRST SEMESTER

			Max. Marks				
Course	Subjects	Inst. Hrs	Credi ts	Exam Hours	Ext. marks	Int. narks	Total
LCI	Languages Paper – I	6	3	3	75	25	100
ELCL I	English Paper – I	6	3	3	75	25	100
CC I	Paper – I- Strategic Study of India	5	4	3	75	25	100
CC II	Paper II – Fundamentals of war and peace	5	4	3	75	25	100
ACI	Paper – I- Political Science –AnIntroduction-I	6	5	3	75	25	100
NME-I elective	Human Rghts	2	2	3	75	25	100
SS-I	Soft Skill	2	3	3	60	40	100

Total Credits = 24

SECOND SEMESTER

Course compone nts	Subjects	Inst. Hrs	Credits	Exam Hours	Ext. marks	Int. marks	Total
LCI	Languages Paper – II	6	3	3	75	25	100
ELCL-II	English Paper – II	6	3	3	75	25	100
CC-III	Paper –III- History OF Freedom Movement In India (1857 - 1947)	5	4	3	75	25	100\
CC-IV	World Military History	5	4	3	75	25	100
AC- III	Paper – II- Indian Constitution	6	5	3	75	25	100
NME-II	Independent India	2	2	3	75	25	100
SS-II	Soft Skill	2	3	3	60	40	100

Total Credits = 24

SEMESTER III

	Subjects			Exam Hours	Max. Marks			
Course components		Inst. Hrs	Credits		Ext.	Int. marks	Tot al	
LC-III	Languages Paper – III	6	3	3	75	25	100	
ELCL-III	English Paper – III	6	3	3	75	25	100	
CC-V	Paper – V Specialized Warfare	5	4	3	75	25	100	
CC-VI	Paper – VI International Relations	5	4	3	75	25	100	
AC-III	Paper III Principles of Economics I	6	5	3	75	25	100	
S S - III	Soft Skill	2	3	3	60	40	100	
Environmental Studies					Examination will be held in IV Semester.			

					Max. Marks		
Course components	Subjects	Inst. Hrs	Credits	Exam Hours	Ext. marks	Int. marks	Total
LC-IV	Languages Paper – IV	6	3	3	75	25	100
ELCL-IV	English Paper – IV	6	3	3	75	25	100
CC-VII	Paper – VII Military Geography and Geo Politics	5	4	3	75	25	100
CC-VIII	Paper – VIII International Organization	5	4	3	75	25	100
AC - IV	Paper IV Principles of Economics II	6	5	3	75	25	100
SS – IV	Soft Skill	2	2	3	60	40	100
Part – V			1				
Extension Activities							
3. Environmental Studies		1	2	3	75	25	100

FIFTH SEMESTER

					Max. Marks			
Course	Subjects	Inst.	Credits	Exam	Ext.	Int.	Total	
components		Hrs		Hours	marks	marks		
CC-IX	Paper IX national security of india	6	4	3	75	25	100	
CC-X	Paper – X Terrorism	6	4	3	75	25	100	
CC-XI	Paper –XI Basics of Defence Economics	6	4	3	75	25	100	
CC-XII	Paper –XII Defence Mechanism of India	6	4	3	75	25	100	
CEC-I	Elective –I Fundamentals of defence journalism	6	5	3	75	25	100	
Part – IV 4.Value Education		3	2	3	75	25	1100	

Total Credits = 23

SIXTH SEMESTER

					Max. Marks		
Course components	Subjects	Inst. Hrs	Credits	Exam Hours	Ext. marks	Int. marks	Total
CC-XIII	Paper – XIII ELEMENTARY STRATEGIC THOUGHT	6	4	3	75	25	100
CC-XIV	Paper – XIV INDIAN MILITARY OPERATIONS (Since 1947)	6	4	3	75	25	100
CC-XV	Paper – XV NUCLEAR STRATEGY AND ARMS CONTROL	6	4	3	75	25	100
CEC-II	Elective – II WORLD CONFLICTS SINCE WORLD WAR II	6	5	3	75	25	100
CEC-III	Elective – III PRINCIPLES OF DEFENCE MANAGEMENT	6	5	3	75	25	100

Total Credits = 22

GRAND TOTAL CREDITS = 140

B.A. DEGREE COURSE IN DEFENCE AND STRATEGIC STUDIES

SEMESTER-I

Subject Code: Credits -4 Core Paper -1

STRATEGIC STUDY OF INDIA

Objective: To introduce to the students the strategic features of India.

Unit I: Introduction: (a) Explanation of terms: Bharat, Hindustan, India (b)

Salient features of freedom struggle (c) Geo-Strategic location, size,

borders.

Unit II: Physiographic Features: (a) Himalayas, Indo-Gangetic Plain and Deccan

Plateau (b) Ethnic & Linguistic Composition.

Unit III: System of Governance: (a) Salient Features of Indian

Constitution (a) National Flag, National Anthem & National Institutions.

Unit IV: Power Resources: (a) Agricultural (b) Industrial (c) Natural.

Unit V: Military Potential: (a) Defence Industries (b) Institutions of DRDO.

- 1. Alagh, y.k., globalisation and agricultural crisis in india (new delhi: deep & deep pub.2004).
- 2. Basu.d.d., introduction to the constitution of india (new delhi: south asia books. 1984).
- 3. Chandra, bipin <u>et.al.</u>, india 's struggle for independence (new delhi: peguin.1988).
- 4. Husain, majid., geography of india (new delhi: tata mac graw hill, 2008).
- 5. Ministry of defence, five decades of drdo silent march new delhi: govt. Of india pub..2008).
- 6. Rangarajan,c., agricultural growth and industrial performance in india (rome: idfri,1982)

SEMESTER I

Subject Code: CREDITS-4 Core Paper-I1 FUNDAMENTALS OF WAR AND PEACE

Objective:

The history of mankind is highlighted by incidents of war and peace. It is therefore necessary to have in depth knowledge of these concepts for better understanding and clarity.

Unit I: Introduction (a) Nomenclature - understanding of terms MilitaryScience, Military studies, War studies, Peace studies, Conflict studies. Defence Studies and Defence & Strategic studies (b) Relevance & Significance.

Unit II: (a) Basic Concepts: War, Grand Strategy, Strategy, Tactics, Campaign, Battles, Operations, Defence & Security (b) Categorization of War: Civil war, Limited war, Chemical and Biological war, Nuclear war, Guerrilla war, Insurgency and Low Intensity Conflicts.

Unit III: Causes and Principles of War.

Unit IV: Understanding of Peace: (a) Meaning, Definition & Forms of Peace (b) Role of Peace Education and Peace Movements (c) Concepts of Peaceful Co-existence & Zone of Peace.

Unit V: Mechanics of War & Peace. (a) Amicable Settlement of International Disputes (b) International Law & Peace: Peace Treaties, International Court of Justice (c) Concepts of Peace Making, and Peacekeeping & Peace Building.

- 1) Philip, T.R., (ed), Roots of Strtegy (Mechanishburg P.A. Stackpole book, 1985)
- 2) D.G.Chandler, The Atlas of Military Strategy: the art, theory and practice of war (London, 1980)
- 3) Fuller, J.F.C., The Foundation of the Science of War (London, 1925)
- 4) Michael howard (ed) The theory and practice of war (Bloomington, Indiana University press, 1965)
- 5) Field Marshal, Montgomery, Viscount., A History of Warfare, (London:Collins,1968).
- 6) Galtung, Johan. The Struggle for Peace, (Ahamedabad: Gujarat Vidyapeeth, 1986).

SEMESTER II CREDITS-4

Subject Code: CREDITS-4 Core Paper-I1I

HISTORY OF FREEDOM MOVEMENT IN INDIA 1857 - 1947

Objective: To understand and appreciate the effects towards India's freedom struggle till 1947 is the objective of paper.

UNIT I Sepoy Mutiny 1857, Factors leading to the rise of Nationalism, Formation of the Indian National Congress, .Partition of Bengal

UNIT II Birth of Muslim League, Causes for the rise of Extremism, Swadeshi Movement, Terrorist Movement, Home Rule Movement, Anne Besant, Rowlett Bill, Jallian Walabagh Massacre, Khilafat Movement

UNIT III Gandhian Era- Non Cooperation Movement, Swaraj Party, Simon Commission, Nehru. Report- Lucknow Pact, Round Table Conference- Gandhi Irwin Pact

UNIT IV Salt Satyagraha, Cripps Mission, INA and Subash Chandra Bose, Quit India Movement, Demand for Pakistan

UNIT V Wavell Plan, The Cabinet Mission, Rajaji Plan, Mount Batten Plan, Partition of India- Indian Independence

Reference:

- 1. Agarwal: Nationalist Movement and Constitutional Development
- 2. **Tara Chand**: History of Freedom Movement in India (4 Volumes).
- 3. Malhotra S.L: Mahatma Gandhi and the Indian National Congress
- 4. **Collins and Lapierre**: Freedom at Midnight
- 5. **Bipin Chandra**: Indian Freedom Struggle.

WORLD MILITARY HISTORY

Subject Code: CREDITS-4 Core Paper-IV

This paper outlines the wars which were fought from 4th century BC to 19th Century AD.

Goals: To make the students understand the evolution of wars in the world from early period.

Objective: On successful completion of the paper, the candidates will be able to a recite the evolution of warfare from early times.

Unit I: Military system in Ancient Greece: (a) Greek Military Organization, (b) Greeco-Persian War (Battle of Marathon, Salamis), (c) Rise of Alexander's Empire(Battle of Isus, Arbela)

Unit II: Military System in Ancient Rome : (a) Roman Military organization, (b) Rome- Carthage Conflict (Battle of Cannae, Zama) (c) Julius Caesar's Military Campaigns.

Unit III: Military System in Medieval Empire: (a) Military Reforms of Gustavus Adolphus (b) French Revolution – Causes and Consequences(c) Napoleon's art of war (Battle of Trafalgar and Waterloo).

Unit IV: World War I: (a) Causes (b) Trench and Mobile Warfare, Use Of Gas (c) Role of Naval & Air Power (d) Military lessons.

Unit V: World War II: (a) Causes (b) Blitzkrieg Tactics, (C) Role of Air Power and Naval Power (d) Military Lessons.

- 1) Howard, Michael, War in European History, Oxford: Oxford University Press, 1977.
- 2) Keegan, John, A History of Warfare, New York: Vintage, 1993.
- 3) Fuller, J.F.C., A Military History of the Western World, New York: Funk & Wagnalls Company, 1955.
- 4) Neilberg, Michael,S., Warfare in World History, London / New York : Routledge,2001.
- 5) Andre Corviser, (ed.), A Dictionary of Military History, Oxford: Blackwell Publishers, 1993
- 6) Dupey & Dupey, Encyclopeadia of Military History.(NEW YORK ;HARPER ,1993)

SEMESTER-III

Subject Code: CREDITS-4 Core Paper-V
SPECIALIZED WARFARE

objective: To understand the different types of war waged by nations at large. After completing the paper the students will understand the types of war prevalent in the world

- **Unit I: Psychological Warfare** a) Definition and nature of psychological Welfare b) Types of Propaganda (c) Brain washing and its effect d) Rumor: Nature and techniques
- Unit II: Biological and Chemical Welfare (a) Concept and objectives b) Characteristics c) Types of agents and Methods of Use (d) Recent Trends
- **Unit III: Guerilla Warfare** (a) Concept and objectives b) Characteristics Guerilla Warfare (c) Elementary knowledge of Insurgency and Counter Insurgency
- Unit IV: Nuclear warfare (a) Concept and origin of Nuclear Warfare
 - b) Effects of Nuclear flash, Thermal Radiation, Nuclear Radiation
 - c) Elementary knowledge of Missiles
- Unit V: Terrorism (a) Definition b) Causes c) Types of Techniques

- 1) Philip M. Taylor, Munitions of the Mind: War Propaganda from the Ancient World to the Nuclear Age, (Wellingborough, 1990)
- 2) Qualter, T.H., Propaganda and Psychological Warfare, (New York, 1962)
- 3) SIPRI, The Problem of Chemical and Biological Warfare (4 Vols, New York, 1971)
- 4) Brown, F.J., Chemical Warfare: a Study in Restraint, (Princeton, 1968)
- 5) Walter Laqueur, Guerilla, (London, 1977)
- 6) Fairbairn, G., Revolutionary Guerilla Warfare (Harmondsworth, 1974)
- 7) Asprey, R.B., War in the Shadows (London,1975)
- 8) Lawrence Freeman, The Evolution of Nuclear Strategy (London,1981)

SEMESTER-III

Subject Code: CREDITS-4 Core Paper-VI

Paper VI – INTERNATIONAL RELATIONS

Unit I: Introduction (a) Components of State (b) Theories of the origin of the state.
Unit II: State System and its corollaries (a) Territoriality (b) Nationalism (c)

Sovereignty (d) Nationality, (e) National Interests & Ideology.

Unit III: Theories of International Relations (a) Idealist & Realist (b) Integration (c) Behaviouralist.

Unit IV: Basics of Diplomacy, Foreign Policy and Balance of Power.

Unit V: Control of International Relations (a) Collective Security (b) International

Law (c) Deterrence.

References:

1. Gellner, ernest. Nations and nationalism new york: cornell university, 2005).

- 2. Gilpin,robert., war and change in world politics (cambridge: cambridge university pres,1981).
- 3. Kennedy paul.m, the rise and fall of great powers (london: vintage, 1987).
- 4. Kissinger, henry., diplomacy (london: simon & schulter, 1994).
- 5. Morgenthau, hans.j, politics among nations (noida: tata mc graw hill, 1992).
- 6. Waltz, kenneth.n, theory of international politics (noida:tata mc graw hill,1979).

Subject Code: CREDITS-4 Core Paper-VII

MILITARY GEOGRAPHY & GEO - POLITICS

Unit I: Introduction (a) Fundamentals of military geography (Accessibility, Visibility, Location, Distance, Climate etc.,) (b) Role and Importance of Geo – politics (c) Geographic components of National Power.

Unit II: Geo – Political Thought: Theories of Mackinder, Haushofer and A.T. Mahan.

Unit III: Applied Military Geography: Basics of Global Positioning System (GPS), Global Information System (GIS) and Remote Sensing.

Unit IV: Geo – Strategic significance of India: (a) Geographical Location (b) Natural resources, Land mass, Rivers, Minerals & Oil (c) Importance of Andaman, Nicobar & Lakshadweep Islands.

Unit V: India's Borders (a) Nature and characteristics of land borders (b) Maritime boundaries (c) Concept of Territorial waters and Exclusive Economic Zone.

- 1) Das, S.T., Geo-Strategies, Allahabad: Kitab Mahal, 1985.
- 2) Black, Jeremy, Cambridge Illustrated Atlas, Warfare, Renaissance to Revolution: 1492-1792, (Cambridge: Cambridge University Press, 1996).
- 3) Chandler, David G., Atlas of Military Strategy: The Art, Theory and Practice of War, 1618-1878, (1980 reprint, London: Arms and Armour, 1996)
- 4) William D Puleston, The Life and Work of Alfred Thayer Mahan, U.N.S. (New Haven, CT, 1939)
- 5) Earl Meade, Edward, Makers of Modern Strategy: Military Thought from Machiavelli to Hitler, 1948.

Subject Code: CREDITS-4 Core Paper-VIII

INTERNATIONAL ORGANIZATIONS

OBJECTIVE: In the contemporary world the survival of the mankind is conditioned by the facts of war and peace. The conditions of war and peace are influenced by various actors, viz., State, non-state and international organizations. This paper introduces the students to all these factors.

Unit I: Introduction (a) Evolution of International Organization (b) Overview of related theories.

Unit II: League of Nations & UN System: Principles, Powers and Structures.

Unit III: Objectives, Functioning and Evaluation of SAARC, ASEAN and Asian Regional Forum (ARF)

Unit IV: Salient Features of European Union (EU) and Organization for Security & Cooperation in Europe (OSCE).

Unit V: Fundamentals of African Union (AU) ,Commonwealth of Independent States (CIS), Organization of Islamic Conference (OIC), and Organization of American States (OAS).

- 1) Palmer, N.D. and H.C.Perkins, International Relations, Boston: Houghton Mifflin, 1953.
- 2) Jackson, R. and G.Sorensen, Introduction to International Relations: Theory and Approaches, Oxford: Oxford University Press, 2003.
- 3) Frankel, J., International Relations in a Changong World, London: Oxford University Press, 1977.
- 4) Nicholson, M., International Relations : A Concise Introduction, New York : Palgrave, 2001.
- 5) Chatterjee, Aneek., International Relations Today: Concept and Applications, New Delhi: Pearson, 2010.
- 6) Johari, J.C., International Relations and Politics, New Delhi: Sterling Publishers, 1985.

SEMESTER V

Subject Code: CREDITS-4 Core Paper-IX

NATIONAL SECURITY OF INDIA

Unit I: Introduction: (a) India's national values, national security objective (b) India's Foreign policy goals.

Unit II: Internal Security Threats: (a) poverty (b) Communal harmony (c) Corruption (d) Insurgency in North East.

Unit III: Issues with Pakistan: (a) Jammu & Kashmir (b) Siachen (c) Sir Creek Island (d) Wullar Barrage (e) Terrorism.

Unit IV: Issues with China: (a) Boundary dispute (b) Misperceptions on Tibet (c) Non – recognition of Sikkim.

Unit V: Indian Ocean: (a) Strategic significance (b) India's interests (c) Power rivalry (militarization).

- 1) LELE Ajey, Strategic Technology for the Military, New Delhi:Sage,2009.
- 2) Gopalakrishnan, K.V., Impact of Science and Technology on Warfare, New Delhi: National Book Trust, 2003.
- 3) BARRY Buzon,., An Introduction to Strategic Studies: Military Technology and International Relations, New York: St.Martin Press,1987.
- 4) Kelin, John., Space Warfare: Strategy, Principles and Policy' London: Routledge, 2006.
- 5) Nair, K.K., Space the Frontier of Modern Defence, New Delhi: Knowledge World, 2006.
- 6) Pruthi, R.K.(ed)., Robotic Warfare, Delhi: Prashant Publishing House, 2009.

Subject Code: CREDITS-4 Core Paper-X

TERRORISM

This paper introduces the concept of Terrorism and its manifestations in historical perspective. Motivated organised violence targeting the population and the government threatening the existing social and political order has become very prevalent in todays world. Basic understanding of terrorism is essential to appreciate the events in right perspective.

Unit – I: Introduction

(a) Definition and meaning of Terrorism. (b) History of Terrorism. (c) Nature and Tactics of Terrorism.

Unit – II: Terrorism in perspective

(a) Causes of Terrorism. (b) Types of Terrorism. (c) Levels of Terrorism.

Unit - III: Terrorism and India

- (a) Kashmir- Cross-border terrorism Lashkar-e-Toiba; Talibans, (b) Extremism in North-East India.
- (c) Naxalites in india. (d) Parliament & Mumbai Taj hotel attack.

Unit - IV: International Terrorism

(a) Palestinian Issue. (b) Irish Issue. (c) Sri Lanka- LTTE Issue. (d) September 11 attack in the USA.-Al Qaeda.

Unit – V: Terrorism in International Relations

(a) War against Terrorism- responses of Major Powers. (b) Terrorism and United Nations Organisation. (c) Terrorism and other International Organisations.

- 1) Yonah Alexander, David Carton and Paul Wilkinson, Terrorism: Theory and Practice, Colorado: West View Press, 1979.
- 2) Walter Laqueur, Terrorism, Boston: Little Brown and Co., 1977.
- 3) B.P.Singh, Sehgal, Global Terrorism: Socio-Political and Legal Dimensions, New Delhi: Deep & Deep Publications, 1996.
- 4) Virender Grover, (ed)., Encyclopeadia of International Terrorism: Terrorism, History and Development, Vol.1, New Delhi; Deep & Deep Publications, 2002.
- 5) Virender Grover, (ed)., Encyclopeadia of International Terrorism: Terrorism in World Countries, Vol.2, New Delhi: Deep & Deep Publications, 2002.

Subject Code: CREDITS-4 Core Paper-XI

BASICS OF DEFENCE ECONOMICS

Objectives:-

Economic imperatives are the vital factors in all activities of mankind to gauge its success. This applies to the study of defence sector of a country in its endeavor to meet its security needs. Knowledge about budgeting, defence allocation, resource augmentation , indigenization etc., are essential to understand the functioning of the defence sector of the state.

Unit I Introduction:

- (a) Definition of Economics and Defence Economics
- (b) Economic System: kinds, features, merits & demerits
- (c) Defence & Development debate.

Unit II Defence Budget: (i) Concepts of Finance, Revenue, Expenditure, process of Budget, National Income & Gross National Product (b) Analysis of India's Defence Budget.

Unit III-Defence Planning: (a) Parameters of Defence Planning (b) Use of Systems Analysis (c) Cost – effectiveness in selection of weapon systems.

Unit IV-Defence Production: (a) Assessment & Calculation of Defence requirements (b) Role of Ordnance Factories and Public & Private sector undertakings (c) Contribution of DRDO.

Unit V-Effects of War on Economy : (a) Inflation (b) Balance of Payments (c) Mobilization of Resources.

References: -

- 1. The Economics of Defence, Keith Hartley and Todd Sandler, Cambridge Surveys of Economic Literature
- 2. Economic Theories of Peace and War, Fanny Coulomb, Routledge
- **3.** From Defence to Development? International Perspectives on Realizing the Peace Dividend, Sean M. DiGiovanna, Ann Markusen, Routledge.
- 4. Defence Production in India, Ron Mathews New Delhi: ABC,
- 5. Jasjit Singh, India's Defence Spending: Assessing Future Needs, New Delhi: Knowledge Publishers.
- 6. Y. Lakshmi, Trends in India's Defence Expenditure, New Delhi: ABC.

Subject Code: CREDITS-4 Core Paper-XII

DEFENCE MECHANISM OF INDIA

OBJECTIVE: The Defence of a country is structured on certain organizational pattern and mechanism. It is therefore essential to have a basic knowledge of them in the correct of India.

Unit I: Introduction: (a) Defence as a primary function of a nation-state, (b) Higher Defence Organization of India (c) Power of President in relation to Armed Forces, (d) Composition and Functioning of Defence Committee during war and peace, (e) Organization & Function of Ministry of Defence (f) Chief of Staff and Joint Service Organizations.

Unit II: Field & Static organizations of Indian Army, India Air Force and Indian Navy (b) Role and Functions of Para Military Forces.

Unit III: Organization & Function of various Indian Intelligence Agencies.

Unit IV: Study of Higher Defence Organizations of USA, Russia, China and Pakistan.

Unit V: Recruitment Organizations: System and methods of recruitment in Army, Navy and Air Force at all levels.

- 1) Venkateswaran, A.L., Defence Organization in India, New Delhi: Government of India, 1967.
- 2) Government of India, The Army of India and its Evolution, Calcutta, 1924.
- 3) Ministry of Defence, Government of India, Indian Armed Forces Year Book, (Annual).
- 4) Palit, D.K., Essentials of Military Knowledge, (New Delhi: 1989)
- 5) Singh, Nagendra, Defence Mechanism of Modern State, (New Delhi: 1967).

Subject Code: CREDITS-5 Core Course Elective Paper **FUNDAMENTALS OF DEFENCE JOURNALISM**

- **Objective:** The History of Journalism is provided as a back drop, against which the emergence of Press council of India (PCI) is outlined
- **Unit I:** Introduction (a) Defence Journalism: Meaning, relevance & scope (b) News Organization Structure and functioning (c) Media: concept, kind and characteristics.
- **Unit II:** Defence News: (a) Purpose and meaning (b) Kinds and sources (c) Theories of news selection.
- **Unit III:** Reporting Defence Stories: (a) Format, Language & Grammar (b) Kinds: Eyewitness. Computer assisted Features (c) Concepts of Graphics & Animation (d) Interviewing skills.
- **Unit IV:** Editing: (a) Abbreviations and definition of military terms (b) Proof reading symbols (c) Caption writing and picture editing.
- **Unit V:** Hurdles in Defence Writing: (a) Media Ethics (b) Media Laws (c) Military vs. Media debate (d) News Photography.

- 1) Menon, P.K., Practical Journalism, Jaipur : Aavishkar Publishers & Distributers, 2005.
- 2) Dhara, R., Journalism, Calcutta: Industry Publishers, 1945.
- 3) Basu, R.N., Handbook of Journalism, Jaipur: Pointer Publishers, 2005.
- 4) Kamath, M.V., The Journalist's Handbook, New Delhi: Vikas, 1980.
- 5) Professional Journalism, New Delhi: Vikas, 1983.

Subject Code: CREDITS-4 Core Paper-XIII

ELEMENTARY STRATEGIC THOUGHT

Subject Description: This paper provides basic knowledge about the concepts of

selected strategic thinkers.

Goals: To understand the thought of thinkers this has relevance even during the

present times.

Objective: To make the students realize the value of strategic thought in policy

formation.

Unit I: Introduction: (a) Concept and components of strategic thought (b)

Contributions of Kautilya's (Philosophy of War). Gandhi (Non -

Violence) and Nehru (Non – Alignment).

Unit II: 18th Century thinkers: (a) Jomini: Concept of Mass army, Strategy, Tactics

and Logistics (b) Clausewitz. : War and its relationship with Politics.

Unit III: Thinkers up to World War I: (a) Karl Marx, military concept of social

revolution (b) Dupicq & Foch.

Unit IV: Strategic thoughts between two World wars, (a) Liddell Hart: Total War,

Deterrence & British concept of Warfare (b) A.T. Mahan: Theory of Sea

Power (c) Douhet, Mitchell & Seversky: Theories of Air warfare.

Unit V: Thinkers after World War II, (a) Mao & Che Guevara- Guerilla Warfare.

- 1) E.M.Earle (ed), Makers of Modern Strategy: Military Thought from Machiavelli to Hitler, 1948.
- 2) Paret, Peter (ed.), Makers of Modern Strategy, (Princeton, 1986)
- 3) Murray, Williamson, Knox, MacGregor, and Bernstein, Alvin (eds.), the Making of Strategy, (Cambridge, 1994).
- 4) Weller, Jac, Weapons and Tactics (London, 1966).
- 5) Fuller, J.F.C., the Foundations of the Science of War (London, 1925).
- 6) Tripathi, K.S., Evolution of Nuclear Strategy, (Delhi, 1980).

Subject Code: CREDITS-4 Core Paper-XIV

INDIAN MILITARY OPERATIONS (Since 1947)

- Unit I: Introduction: (a) Partition of British Indian Army (b) Early Challenges: Annexation of Junagarh 1947. Operation POLO (Integration of Hyderabad 1948), Operation Vijay (Integration of Goa 1961).
- **Unit II:** Operation in Kashmir 1947 48 (a) Events leading to annexation (b)Operations of Indian Army (c) Military lessons.
- **Unit III:** Chinese invasion of India 1962; (a) Causes of War (b) Important Operations of War (c) Military Re organization.
- Unit IV: (a) Indo Pakistan War of 1965: Outline of the Operations, Role of Artillery (b) Operation Cactus Lily (Liberation of East Pakistan 1971): Origin and Causes of War.
- Unit V: Internal Security Operations: (a) Operation Blue Star 1984 (b) Operation Rhino (Northeast Region) (c) Operation Vijay.

- 1. Dixit,jn., india-pakistan in war & peace london:-routledge,2002)
- 2. Ganguly sumit., conflict unending: india pakistan tensions since 1947 (washington d.c: oxford univ. Press,2001).
- 3. Krishnan.n., no way but to surrendernew delhi: vikas, 1980).
- 4 Palit.D.K, The Lightining Campaignnew Delhi: Lancer 1972).
- 5. Rikhye,ravi., the fourth roundinew delhi: abc pub.,1982).
- 6. Singh.harbaksh., war despatches:ind conflict of 1965 (atlanta:lancer,2013).

Subject Code: CREDITS-4 Core Paper-XV

NUCLEAR STRATEGY AND ARMS CONTROL

Objectives: Arms Control Efforts from the formation of nation, State system is attempted in this paper. Efforts towards disarmament gained momentum after the Second World War which is portrayed in this paper.

Unit I: Introduction- (a) The evolution of the nuclear era since 1945 (b) Basics of Nuclear technology, nuclear energy & effects of nuclear explosion.

Unit II: Development of missiles (a) Classifications and characteristics, (b) Brief study of theories of nuclear warfare: Preventive war, Pre – emptive Attack, Massive Retaliation, Counter force, Flexible Response, MAD & MAS.

Unit III: Elementary study of Treaties: (a) Nuclear – weapon Treaties, (PTBT, TBT, PNET & CTBT) (b) Nuclear arms Limitation Treaties (ABMT, SALT, INF, START) (c) Nuclear – Weapon proliferation Treaties (NTP, MTCR).

Unit IV: (a) Conventions of (a) Chemical & Biological Weapons (b) Prevention of Accidental Wars.

Unit V: (b) India's contribution in the process of arms control.

- 1) Cochran, Thomas, Arkin, William, and Hoenig, William, Nuclear Weapons Databook (5 vols., Cambridge, Mss, 1984).
- 2) Glasstone, S., and Dolan, P.J., The Effects of Nuclear Weapons (Washington, 1977).
- 3) Grace, Charles, Nuclear Weapons: Principles, Effects and Survivability (London, 1994).
- 4) Brodie, Bernard, Strategy in the Missile Age (Princeton, 1959).
- 5) Lee, R.G., Guided Weapons (London, 1988).
- 6) Pande, S., CTBT: India and the Nuclear Test Ban Treaty, (New Delhi: Cosmo, 1994).
- 7) Pande ,S., Future of NPT, (New Delhi: Lancer, 1995).

WORLD CONFLICTS SINCE WORLD WAR II

Subject Code: CREDITS-5 Core Course Elective Paper

Subject description:

This paper deals with the evolution of wars after the end of World War – II

Goals: To make the students learn about some of the important wars that were

fought after 1945.

Objective: After going through this paper students will have an understanding of wars

that were fought after the end of World War – II

Unit I: Europe (a) Czechoslovakian crisis 1968 (b) East European Revolution

1989.

Unit II: West Asia (a) Arab – Israeli Conflict of 1948, 1956, 1967, and 1973.

Unit III: Gulf (a) Iraq – Kuwait Crisis 1991 (b) Afghan War 2001.

Unit IV: Latin America (a) Cuban Missile Crisis 1962 (b) Grenada Crisis 1983.

Unit V: Africa: Nigerian Civil war.

- 1) Hastings, Max, The Korean War, (London: 1987)
- 2) Herring, George, America's Longest War (New York, 1996)
- 3) Fraser, T.G., The Arab Israeli Conflict (London: 1995)
- 4) Agwani, M.S., The West Asian Crisis, New Delhi: 1995.
- 5) Colvocoressi, P., World Politics: 1954 2000, New Delhi : Pearson Education, 2001.
- 6) Schoot, Ian., World Famous Battles, London: Magpie Books Ltd., 1994.

SEMESTER-VI PRINCIPLES OF DEFENCE MANAGEMENT

Subject Code: CREDITS-5 Core Course Elective Paper

Unit I: Introduction (a) Definition of administration and management (b)

Principles and process of defence management.

Unit II: Planning (a) Definition and features (b) Steps in planning (c) Management

by objectives (d) Decision Making process and techniques.

Unit III: Organizing (a) Structure, function and characteristics of military

organizations.

Unit IV: Staffing (a) Sources of Manpower supply (b) Selection tests for officers

and other ranks.

Unit V: Directing and controlling (a) Military leadership (b) Parameters of morale

and motivation (c) Control techniques.

- 1. Di giovanna, sean m., and arkusen. Ann, from defence to development: international perspectives on realizing the peace dividend (oxford:taylor and ncis,2003).
- 2. Fanny, coulomb, economic theories of peace and War(oxfordshire: routledge, 2004).
- 3. Hartley, keith., and sandler, todd. The economics of defence (cambridge: cambridge univ. Press, 1995).
- 4. Lakshmi, y., trend in india's defence expenditure (new delhi: abc pub., 1988).
- 5. Mathews,ron., defence productionin india (new delhi:abc pub.,1989).
- 6. Tripathi.pc, and reddy,p.n., principles of management (new delhi: tata mc graw hill,2008).

Subject Code: Credit-5 Allied Course-I
POLITICAL SCIENCE- AN INTRODUCTION

Objectives

This paper tries to

1. Give an introduction to the discipline of Political Science; 2. Sketch various forms of States; 3. Point out the origin of States; 4. Point out the importance of Law, Equality and Liberty; 5. Examine the spheres of State activity

Unit I- Introduction

Political Science as a discipline – Meaning and definition- Nature and Scope – Is Politics a Science or Art – Methods of Political Science.

Unit II- State and Nation

State: Definition, Element and Functions of State – Distinction Between State and Government – Distinction between State and Society and Association.

Unit III-Theories of Origin of State

Divine Origin Theory – Force Theory – Social Contact Theory : Hobbes, Locke and Rousseau – Historical or Evolutionary theory.

Unit IV - Sovereignty and Pluralism

Sovereignty: definition and kinds of Sovereignty – Austin's theory of Sovereignty – The Concepts of Pluralism.

Unit V - The State and the Individual

Law: Meaning and features – Rights: Kinds and Fundamental rights – Liberty; its kinds and safeguards – Equality: relation with liberty and rights.

References

- 1. Appadurai, a., substance of politics (new delhi: oxford univ. Press, 2000).
- 2. Essays in politics and international relations (new delhi: asia publishing house, 1969).
- 3. Kapur,a.c., principles of political science (new delhi s.chand & co., 11987).
- 4. Macridis,r.c.(ed.), modern political system (new jersey: prentice hall international,1978).
- 5. Mahajan, v.d., modern governments (new delhi: s.chand & co.,1970).
- 6. Ray. Amal, and bhattacharya.mohit.. Ideas and institutions (calcutta: the world press, 1989).

SEMESTER -II

Subject Code: Credit-5 Allied Course-ISSSSS

INDIAN CONSTITUTION

UNIT I

1. Salient Features of Indian Constitution, 2. Constituent Assembly- Drafting Committee, 3. Preamble, 4. Federal and Unitary Features

UNIT II

- 1. Fundamental Rights, 2. Fundamental Duties, 3. Directive Principles of State Policy,
- 4. Constitutional Amendments

UNIT III

- 1. The Executive- The President- Election, Powers, 2. Cabinet- The Prime Minister,
- 3. Legislature- The Parliament- Rajya sabha, 4. Lok sabha

UNIT IV

1. The Judiciary- Supreme Court- judges- Qualifications- impeachment, 2. Powers of the Supreme Court, 3. Judicial Review, 4. Election Commission

UNIT V

1. State Government- Executive, 2. Legislature, 3. Centre State Relations, 4. District Administration- The Collector- local bodies

Books Recommended for Reference:

- 1. Agarwal: Nationalist Movement and Constitutional Development
- 2. L.N. Srivatsava: Constitutional History of India
- 3. M.V. Pyli: India Constitution
- 4. Durga Das Basu: Constitution of India

SEMESTER-III

Subject Code: Credit-5 Allied Course-II

PRINCIPLES OF ECONOMICS - I

Unit – I Introduction

Definitions of Economics: Adam Smith, Alfred Marshall, Lionel Robbins and Samuelson – Nature of Economics: Micro and Macro Economics- Central problems of an Economy

Unit – II Consumption

Wants and their characteristics – Consumer's equilibrium- Marginal utility analysis and Indifference curve analysis - Consumer's surplus

Unit – III Production

Factors of production, Law of variable proportions, Laws of returns to scale – Producer's equilibrium – Expansion Path

Unit – IV Market Structure

Perfect competition- Monopoly and Monopolistic competition- Oligopoly and Kinked Demand Curve

Unit – V Distribution

Functional vs. personal distribution – Factor Pricing- Marginal Productivity Theory of Distribution – Quasi Rent – Keynes' Liquidity Preference Theory of Interest – Schumpeter's Theory of Profit

References:-

- 1. Mehta.V.K-Problem of economic development
- 2. Pigoa.A.C-Defence Economics in War
- 3. Subramanian K-Perspectives in Defence Planning

SEMESTER -IV

Subject Code: Credit-5 Allied Course-II

PRINCIPLES OF ECONOMICS - II

Unit - I National Income

Meaning of National Income – Concepts of National Income – Difficulties in the Measurement of National Income

Unit – II Planning And Economic Development

Objectives of Economic planning – Mixed Economy and Economic planning – PURA-A new Gandhian approach to development

Unit – III Public Finance

Government Budgets – Direct and Indirect taxes – Government Expenditure – Meaning of Deficit Financing- Functions of Financial Commission

Unit – IV International Trade

Theories of International Trade – Comparative Cost theory, Balance of trade and balance of payments: Disequilibrium corrective methods- WTO-Trade Blocks: Meaning, EU, NAFTA and ASEAN

Unit – V International Monetary System

Functions of IMF and IBRD, the EURO, Meaning of Foreign Exchange-Purchasing Power Parity Theory - FEMA

References

- 1. Ahuja h. L principles of micro economics (new delhi ;chand and co,1978)
- 2. Ahuja h. L macro economics, (theory & policy s.chand and co ,1986)
- 3. Ruddar dutt, sundharam, k. P. M. indian economy (new delhi and s.chand &1969)
- 4. Francis Cherunilam, International Busines (New Delhi : Phi Learning ,2010)
- 5. Seth, m. L. Macro economics (new delhi :lakshmi narain ,1981)
- 6. Singh s. K, public finance in theory and practice (new delhi :s.chand &co.,2008)

Subject Code: Credits-2 Non Major Elective

HUMAN RIGHTS

Objectives:-

Efforts towards the establishment of a just and egalitarian society have been in vogue since the beginning of the civilization. Understanding certain basic right that contributes to the overall, dignified and honorable life to individuals is vital. This paper endeavors towards this.

Unit I -- INTRODUTION—History of Human Rights, Meaning and Principles

Unit II -List of Human Rights and Abuses

Unit III—International Human Rights Norms-Humanitarian Law, Universal Declaration of Human Rights

Unit IV—Human Rights and International Organizations—UNO, Human Rights Council Security Council

Unit V—National Human Rights Commission of India-Composition and Functions

References:-

- 1. Begum,mehatraj.(ed.)., human rights in india: issues and perspectives (new delhi:aph pub.2000).
- 2. Donnelly, jack., universal human rights: in theory and practise(new york: cornell univ. Press, 2003).
- 3. Forsythe,david.p., encyclopeadia of human rights vol.1-5 (new york: oxford univ. Press,2009).
- 4. Freeman.michael., human rights(cambridge: polity press,2011).
- 5. Lawson,edward(ed.).,encyclopeadia of human rights (washington d.c. Taylor & francis,1996).

Subject Code Credits -2

Non Major Elective

INTERNATIONAL LAW

Subject Description:

Legal aspects pertaining to war and peace are dealt in this paper

Goals: To make the students aware of the legal provisions that probity's war

Objective: To create interests in students to pursue their efforts in international Law.

Unit-I: Introduction-Definition, Meaning and Nature of International Law.

Unit-II: Sources of International Law.

Unit-III: History and Codification of International Law.

Unit-IV: Relation between International Law and Municipal Law.

Unit-V: Settlement of International Disputes-Amicable Means.

- 1. Agarwal,k.b. And singh, vandana., private international law in india (bedfordshire: khuwer law,2010).
- 2. Patel, bimal. (ed.), india and international law (danvers: martinus pub., 2008).
- 3. Shaw malcom,n., international lawcambridge: cambridge univ. Press, 2000).
- 4. Starke, j.g., an introduction to international law (butterworths: droit international, 1989).
- 5. Tandon,m.p., introduction to international lawallahabad: allahabad law agency, 1982).
- 6. Whelandanicl.j, indivisible human rights: a history (pennsylvania: univ. Of pennsylvania press,2010),