

# **GURU NANAK COLLEGE (AUTONOMOUS)**

(Affiliated to University of Madras and Re-Accredited at 'A' Grade by NAAC)

Guru Nanak Salai, Velachery, Chennai – 600042.



## **M.A. Defence and Strategic Studies**

(SEMESTER PATTERN WITH CHOICE BASED CREDIT SYSTEM)

## **Syllabus**

(For the candidates admitted in the Academic year 2019-20 and thereafter)

## **Vision**

To develop professionals with demonstrable in depth knowledge and cognitive skills to deal with strategic and security affairs

## **Mission**

- To impart knowledge and develop defence oriented aptitude and disseminate ideas of war and peace.
- To mobilize public opinion in favour of the requirements of National Security.
- To create security consciousness.
- To give mature guidance regarding national security problems and prospects.

## **Programme Outcomes**

At the end of the program the students will be able to:

- PO 1 : Scientific Knowledge:** Acquire the knowledge of Defence and Strategic Studies and apply it to issues, challenges and threats to national security threats faced by the country.
- PO 2 : Problems Analysis:** Identify, assess, and analyze complex problems; both internal and external, and to formulate appropriate policy options.
- PO 3 : Design/Development of Solutions:** Develop solutions for complex national security with suitable doctrinal procedures.
- PO 4 : Conduct survey to understand, assimilate, reflect, empathize and act on issues of critical importance faced by the country.**
- PO 5 : Modern tool usage facilitates enhanced teaching – learning process viz., ICT tools, LMS tools, Web designing and hosting etc.**

## **Programme Specific Outcomes**

On completion of M. A., Defence and Strategic Studies the intended skill are:

- PSO 1 :** To acquaint the students on the various aspects of national security study and enable them to understand and assess to national security features that are emerging in the international political system. The students should be able to compare and correlate the multiple aspects of national security threats and discern alternative approaches to solve them.
- PSO 2 :** The students are adequately prepared to understand the critical functions of national security and the process of governance and policy formulations that are essential to achieve national security.

**DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES**  
**MASTER OF ARTS**  
**COURSE STRUCTURE 2019-21 BATCH**

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - I	I	Core - I	19PDEF301	Indian Art of Warfare up to 1857	4	6	50	50	100
	II	Core - II	19PDEF302	World Military History up to WWII	4	6	50	50	100
	III	Core - III	19PDEF303	International Relations	4	6	50	50	100
	III	Core - IV	19PDEF304	India's National Security and Strategic Spectrum	4	6	50	50	100
	III	Elective - I	19PDEF305	Conflict and Cooperation in South Asia	4	6	50	50	100
	IV	Soft Skills - I	19PGSL401	Soft Skills	2	-	50	50	100
<b>Total Credits -22, Total Hours/ week- 30</b>									
Semester - II	I	Core - V	19PDEF306	Theoretical Aspects of International Relations	4	6	50	50	100
	II	Core - VI	19PDEF307	International Law	4	6	50	50	100
	III	Core - VII	19PDEF308	Arms Control and Disarmament	4	6	50	50	100
	III	Core - VIII	19PDEF309	Strategic Thought	4	6	50	50	100
	III	Elective - II	19PDEF310	Geo Politics and Military Geography	4	6	50	50	100
	IV	Soft Skills - II	19PGSL402	Soft Skills	2	-	50	50	100
<b>Total Credits -22, Total Hours/ week-30</b>									
Semester - III	I	Core - IX	19PDEF311	Area Studies - India and SAARC	4	6	50	50	100
	II	Core - X	19PDEF312	Peace and Conflict Studies	4	6	50	50	100
	III	Core - XI	19PDEF313	Defence Economics and Defence Management	4	6	50	50	100
	III	Core - XII	19PDEF314	Science, Technology and National Security	4	6	50	50	100
	III	Elective - III	19PDEF315	Defence Journalism	3	6	50	50	100
	IV	Internship	19PINT401	Visit to Defence Establishments/ NGO's/ Library	2	-	50	50	100
		Soft Skills - III	19PGSL403	Soft Skills	2	-	50	50	100
<b>Total Credits -23, Total Hours/ week-30</b>									
Semester - IV	I	Core - XIII	19PDEF316	Wars in Contemporary Period	4	6	50	50	100
	II	Core - XIV	19PDEF317	Post Independent Wars of India	4	6	50	50	100
	III	Core - XV	19PDEF318	Introduction to Industrial Security	4	6	50	50	100
	III	Core - XVI	19PDEF319	Specialized Warfare	4	6	50	50	100
	III	Core -XVII	19PDEF320	Research Methodology and Dissertation	6	6	50	50	100
	IV	Soft Skills - IV	19PGSL404	Soft Skills	2	-	50	50	100
<b>Total Credits -24, Total Hours/ week-30</b>									
<b>Grand Total Credits -91, Total Hours/ week-120</b>									

**Note:** A Compulsory internship programme is scheduled for the P.G Students of Defence and Strategic Studies in Third Semester. The students shall commence their internship programme at the end of Second Semester. The report of the internship carried out by the students shall be submitted within 30days after its competition. This internship report would be evaluated by a committee of faculties of the parent department

## CORE – I: INDIAN ART OF WARFARE UP TO 1857

<b>SUBJECT CODE :19PDEF301</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: I</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

This paper attempts to familiarize the students with the evolution of the art of warfare in India. It is to establish that the art of warfare changes with changes in political governance, nature of threat, and weapon systems.

### **UNIT I:**

**(18 Hours)**

Development of Military System as out lined in the Vedic and Epic Literature Indian Philosophy of War –Manu-Kautilya , Military Organisation, Weapon, Patterns of Warfare

### **UNIT II**

**(18 Hours)**

Mauriyan Military System described by Megasthanese. Age of Guptas and Harshavardhan- Changes in Hindu Military System.

### **UNIT III:**

**(18 Hours)**

Arab and Turkish Invasion of India: New Trends of Warfare, Rajput Military System- Art of Warfare with special reference to the battle of Terrain, Sultanate Period- Pattern of Warfare with special reference to the economic reforms of AlaudinKhilji.

### **UNIT IV**

**(18 Hours)**

Mughal Military System – New Trends- Causes of Failure, Maratha Military System- Land and Sea Warfare- Impact of Western influence during 18th Century, Sikh Military System- Pattern of Warfare of Khalsa Army.

### **UNIT V:**

**(18 Hours)**

Anglo-Sikh Warfare with special reference to the battle of Sobraon, Presidency Armies- development with special reference to the battle of Assaye 1803 A.D, Indian War of Independence 1857 A.D

### **REFERENCE BOOKS:**

1. Singh, S.D. Ancient Indian Warfare with special reference to the vedic period
2. Basham, A.L. The wonder that was India
3. Dikshitar, R.C. War in Ancient India
4. Fuller, J.F.C. The Generalship of Alexander the Great
5. Majumdar, R.C. Classical account of India

**WEBSITES:**

1. <https://www.tandfonline.com/doi/abs/10.1080/15027570701539636?journalCode=smil20>
2. [https://nios.ac.in/media/documents/military\\_history\\_375/Book-1/Chapter-4.pdf](https://nios.ac.in/media/documents/military_history_375/Book-1/Chapter-4.pdf)
3. <https://pratiyogitaabhiyan.in/general-studies/history-general-studies/invasion-of-arabs-and-turks-in-india-notesmcq-pdf-download/>
4. <https://indianculture.gov.in/ebooks/military-system-marathas>
5. [http://www.columbia.edu/cu/lweb/digital/collections/cul/texts/ldpd\\_6260651\\_000/](http://www.columbia.edu/cu/lweb/digital/collections/cul/texts/ldpd_6260651_000/)

**Question Paper Pattern**

Section	Question Component	Numbers	Marks	Total
Section A	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
Section B	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
Section C	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

**Distribution of Questions:**

Sections	Units	No. of Questions	
		Theory	Problems
Section A	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
Section B	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
Section C	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## CORE – II: WORLD MILITARY HISTORY UP TO WWII

<b>SUBJECT CODE: 19PDEF302</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: I</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

On successful completion of the paper, the candidates will be able to narrate the evolution of warfare from early times. This paper outlines the wars which were fought from 4th century BC to 19th Century AD. To make the students understand the evolution of wars in the world from early period.

#### **UNIT I: Military system in Ancient Greece: (18 Hours)**

Greek Military Organization,  
Greco Persian War (Battle of Marathon, Thermopylae and Salamis),  
Rise of Alexander's Empire (Battle of Isus, Arbela)

#### **UNIT II: Military System in Ancient Rome: (18 Hours)**

Roman Military organization,  
Rome- Carthage Conflict (Battle of Canne, Zama)  
Julius Caesar's Military Campaigns

#### **UNIT II: Military System in Medieval Empire: (18 Hours)**

Military Reforms of GustavusAdolphus  
French Revolution – Causes and Consequences  
Napoleon's art of war (Battle of Ulm, Jena ,Trafalgar and Waterloo)

#### **UNIT IV: World War I: (18 Hours)**

Causes  
Trench and Static Warfare, Use of Gas  
Role of Naval and Air Power  
Military lessons

#### **UNIT V: World War II: (18 Hours)**

Causes  
Blitzkrieg Tactics,  
Role of Air Power and Naval Power  
Military Lessons.

### **REFERENCE BOOKS:**

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. AndreCorviser, (ed.), A Dictionary of Military History, Oxford: Blackwell Publishers,1994.

**WEBSITES:**

1. <https://www.researchgate.net/publication/318733836> Ancient Greek Military\_Theory\_and\_Practice\_Aeneas\_Tacticus\_I
2. [https://www.research.manchester.ac.uk/portal/files/54581116/FULL\\_TEXT.PDF](https://www.research.manchester.ac.uk/portal/files/54581116/FULL_TEXT.PDF)
3. <https://weaponsandwarfare.com/2017/04/03/gustavus-adolphus-reforms/>
4. <http://www.historiasiglo20.org/4ESO/WWI.pdf>
5. <https://www.britannica.com/event/World-War-II>

**Question Paper Pattern**

Section	Question Component	Numbers	Marks	Total
<b>Section A</b>	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
<b>Section B</b>	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

**Distribution of Questions:**

Sections	Units	No. of Questions	
		Theory	Problems
<b>Section A</b>	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	



### CORE – III: INTERNATIONAL RELATIONS

<b>SUBJECT CODE : 19PDEF303</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: I</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

#### COURSE OBJECTIVES:

Ever since states were identified on their territoriality, the need for jealously guarding their territoriality and if possible expanded has been the prime motive of international relations. To grasp its historical progress and the expanding scope of relationship amongst the states becomes imperative for the students of defence and strategic studies.

#### UNIT I: (18 Hours)

International Relations: Concepts, Nature, Scope & Development; Contending Theories of International relations: Realist Theory, Decision Making Theory, Systems Theory & Game and Bargaining Theory

#### UNIT II: (18 Hours)

National Interest: Definition, types & methods of securing National Interest, Role of National Interest in the formulation of Foreign and Defence Policies.

#### UNIT III: (18 Hours)

State, Nation & Nation-State System; Origin, Issues of Ethnicity, Pluralism, Multiculturalism and Nation-State System in Contemporary times.

#### UNIT IV: (18 Hours)

The United Nations: Purposes, Structure and Powers, The Principal Organs, Contribution to World peace and Security

#### UNIT V: (18 Hours)

Collective Security: Meaning, basic postulates and its working under the League & UN; Balance of Power; Nature, strategies and its relevance in contemporary times; and , Arms Control and Disarmament since World War-II

#### REFERENCE BOOKS:

1. John Baylis & Steve Smith, Globalization of World Politics
2. Columbus, Theodore A. Wolfe, Introduction to International Relations
3. Dyke, Vernon Van, International Politics
4. Morgenthau, Hans J., Politics among Nations
5. Palmer and Perkins, International Relations

#### WEBSITES:

1. <http://ycis.ac.in/CEGC%20Library/English/International%20relations%20-%20key%20concepts.pdf>
2. <https://www.yourarticlelibrary.com/international-politics/national-interest-meaning-components-and-methods/48487>
3. <https://www.politicalsciencenotes.com/essay/state/theories-on-the-origin-of-state-essay-theories-political-science/1513>
4. <http://www.kyymca.org/wp-content/uploads/2015/01/KUNA-USG-Packet.pdf>
5. [https://www2.hu-berlin.de/transcience/Vol2\\_Issue2\\_2011\\_23\\_29.pdf](https://www2.hu-berlin.de/transcience/Vol2_Issue2_2011_23_29.pdf)

### Question Paper Pattern

Section	Question Component	Numbers	Marks	Total
<b>Section A</b>	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
<b>Section B</b>	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

### Distribution of Questions:

Sections	Units	No. of Questions	
		Theory	Problems
<b>Section A</b>	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## CORE –IV: INDIA’S NATIONAL SECURITY AND STRATEGIC SPECTRUM

<b>SUBJECT CODE : 19PDEF304</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: I</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### COURSE OBJECTIVES:

This paper encompasses all aspects of National Security of India - its national values, interests, objectives, foreign policy and nature of threats both internal and external.

#### **UNIT-I: (18 HOURS)**

Freedom struggle and the development of the concept of Nationhood in India,  
Pluralism in India: Strengths and Weaknesses

#### **UNIT-II: (18 HOURS)**

India’s National Security Objectives and Aspirations in a Changing world  
Contemporary Strategic Environment of India

#### **UNIT-III: (18 HOURS)**

India’s Internal Security Challenges: Nature and Dimensions  
Domestic and Trans-national terrorism against India: Problems and Options

#### **UNIT-IV: (18 HOURS)**

Insurgency in North East, Jammu & Kashmir, Punjab and Spread of Naxal Violence  
Counter- Insurgency strategies and successful case studies

#### **UNIT-V: (18 HOURS)**

India’s Technological Prowess as ‘Force Multiplier’  
Conflict resolution and transformational mechanism in India’s case.

### REFERENCE BOOKS:

1. N. Manoharan, Security Deficit: Comprehensive Internal Security strategy for India, Pentagon Press, 2012
2. Brig. R.A. Singh, India’s National Security: Through Ages, Raj Publication, 2006
3. RumelDahiya, Ashok K. Behuria, (eds.) India’s Neighborhood- Challenges in the Next Two Decades, IDSA, 2012
4. Maj. Gen. Depankar Banerjee, Security in South Asia: Comprehensive on Cooperative, Manas Publication, 2003
5. Col. Ved Prakash, Terrorism in India’s North East, Manas Publication, New Delhi

### WEBSITES:

1. [https://www.mentorstudypoint.in/downloads/\(Bipan\\_Chandra.pdf](https://www.mentorstudypoint.in/downloads/(Bipan_Chandra.pdf)
2. [https://manifesto.inc.in/pdf/national\\_security\\_strategy\\_gen\\_hooda.pdf](https://manifesto.inc.in/pdf/national_security_strategy_gen_hooda.pdf)
3. [https://idsa.in/strategicanalysis/IndiasInternalSecurityChallenges\\_vmarwah\\_1003](https://idsa.in/strategicanalysis/IndiasInternalSecurityChallenges_vmarwah_1003)
4. [http://visionias.in/beta/sites/all/themes/momentum/files/interview\\_issues\\_2016](http://visionias.in/beta/sites/all/themes/momentum/files/interview_issues_2016)
5. /Insurgency\_in\_NE.pdf
6. <http://www.indiandefencereview.com/news/unpredictable-china-are-we-prepared/3/>

### Question Paper Pattern

Section	Question Component	Numbers	Marks	Total
<b>Section A</b>	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
<b>Section B</b>	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

### Distribution of Questions:

Sections	Units	No. of Questions	
		Theory	Problems
<b>Section A</b>	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## **ELECTIVE – I: CONFLICT AND COOPERATION IN SOUTH ASIA**

<b>SUBJECT CODE : 19PDEF305</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: I</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

To introduce the region of South Asia and particularly to conflict and cooperation in a dynamic and volatile region which contains two of the world's nuclear state and also the rising power of the region. To understand the role of great power interventions in the region and also other aspects like power distribution, norms, political, military and economic conflict and cooperation in the region. Give an attempt to understand what factor or combination of factors drives these issues.

### **UNIT I: (18 HOURS)**

Geo-Political setting of South Asia.  
Socio-Cultural and Economic structure of South Asia.

### **UNIT II: (18 HOURS)**

Power rivalries in South Asia: USA, USSR, U.K and China,  
Strategic Importance of Afghanistan, Myanmar and China for South Asia.

### **UNIT III: (18 HOURS)**

Internal problems and conflicts in South Asian Region (Country profiles)  
Role of Pressure Groups (Religious, Linguistic, Caste, Tribes, Women, Youth, Civil Society and Media) in the politico-military scenario of the South Asian countries.

### **UNIT IV: (18 HOURS)**

Prospects of Sub-regional cooperation in South Asia  
Regional Cooperation in South Asia under the aegis of SAARC

### **UNIT- V: (18 HOURS)**

Conflict Map of South Asia: Regions, Issues and Parties  
Peace Initiatives and movements in South Asia

### **REFERENCE BOOKS:**

1. K.E.Boulding, Conflict and Defence : A General Theory, Newyork,1962
2. Anima Bose (ed), Peace and Conflict Resolution in World Community, New Delhi, 1919
3. Bhaskar Rao, Global Perceptions on Peace Education, New Delhi, 1996.
4. Peter Ackerman & Jack Duvall, a Force More Powerful: A Century of Non-Violent Conflicts, New York, 2000.
5. Boutros- Ghali, an Agenda for Peace: Preventive Diplomacy, Peace Making and Peace Keeping, (U.N.Report) New York, 1992.

### **WEBSITES:**

1. <https://www.orfonline.org/expert-speak/south-asias-changing-geopolitical-landscape-47458/>
2. <https://link.springer.com/book/10.1007/978-981-13-7240-7>
3. [https://www.epw.in/system/files/pdf/1964\\_16/13/pressure\\_groups\\_democracy\\_and\\_development.pdf](https://www.epw.in/system/files/pdf/1964_16/13/pressure_groups_democracy_and_development.pdf)
4. <https://www.nti.org/learn/treaties-and-regimes/south-asian-association-regional-cooperation-saarc/>
5. <https://www.upf.org/peace-and-security/south-asia-peace-initiative>

## Question Paper Pattern

Section	Question Component	Numbers	Marks	Total
<b>Section A</b>	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
<b>Section B</b>	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

## Distribution of Questions:

Sections	Units	No. of Questions	
		Theory	Problems
<b>Section A</b>	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## CORE – V: THEORETICAL ASPECTS OF INTERNATIONAL RELATIONS

<b>SUBJECT CODE : 19PDEF306</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: II</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### COURSE OBJECTIVES:

To introduce the students to the most significant orthodox and critical theoretical approaches within international relations. To develop the ability to analyse the current issues with a theoretical framework of international relations.

#### UNIT I: Nature and Scope

(18 HOURS)

The Boundary Problem  
Evolution of the Discipline  
The Level of Analysis Problem

#### UNIT II: Positivist Theories

(18 HOURS)

Liberalism and Neo-Liberalism  
Realism and Neo-Realism  
Marxism and Neo-Marxism

#### UNIT III:

(18 HOURS)

The English School  
Chinese Traditions in International Relations  
Indian Tradition and Kautilyas's Real-politique.; M.K.Gandhi.

#### UNIT IV: Post-Positivist Theories

(18 HOURS)

(a) Constructivism (b)Critical Theory  
Post-Modernism  
Feminism

#### UNIT V: Thinking International Relations Theory Differently

(18 HOURS)

Post-Colonialism  
Subaltern Realism: IR Theory and the Third World  
Globalisation and International Relations Theory

### REFERENCE BOOKS:

1. Chris Brown, Understanding International Relations (New York: St. Martin Press, 1997)
2. Fred Halliday, Rethinking International Relations (London: Macmillan: 1991)
3. Jennifer Sterling-Folker, Making Sense of International Relations Theory (Boulder: Lynne Rienner Publishers, 2006)
4. Hans Morgenthau, Politics among Nations (New Delhi: Kalyani, 1997)
5. John Baylis and Steve Smith (eds.), The Globalisation of World Politics: An Introduction to International Relations (Oxford: Oxford University Press, 2001 and later editions)

**WEBSITES:**

1. <https://www.e-ir.info/2017/01/09/international-relations-theory/>
2. <https://www.britannica.com/topic/realism-political-and-social-science>
3. [https://www.researchgate.net/publication/257679707\\_Introduction\\_Chinese\\_Traditions\\_in\\_International\\_Relations](https://www.researchgate.net/publication/257679707_Introduction_Chinese_Traditions_in_International_Relations)
4. <https://www.e-ir.info/2018/01/04/feminism-in-international-relations-theory/>
5. <https://www.e-ir.info/2020/12/23/rehabilitating-realism-through-mohammed-ayoobs-subaltern-realism-theory/>

**Question Paper Pattern**

Section	Question Component	Numbers	Marks	Total
<b>Section A</b>	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
<b>Section B</b>	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

**Distribution of Questions:**

Sections	Units	No. of Questions	
		Theory	Problems
<b>Section A</b>	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	



## CORE VI: INTERNATIONAL LAW

<b>SUBJECT CODE : 19PDEF307</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: II</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES**

This paper aims at introducing to the student different aspects of International Law. The laws which govern the conduct of war, Laws of neutrality and the organization of the International court of Justice are covered in this paper.

#### **UNIT I: Introduction**

**(18 HOURS)**

Definition, Basis of International Law, History and its development  
Nature, Source and Codification  
Distinction between International and Municipal laws

#### **UNIT II: Laws of Land and Sea and Air Warfare**

**(18 HOURS)**

Laws of Land Warfare  
Laws of Maritime Warfare  
Laws of Aerial Warfare  
War Crimes and Genocide

#### **UNIT III: Laws of Neutrality**

**(18 HOURS)**

The laws of Neutrality  
Right of Angary  
Contraband and Doctrine of Continuous Voyage

#### **UNIT IV: Management of International Law**

**(18 HOURS)**

Settlement of International Disputes  
War its Legal Character and Effects (c ) Enemy Character

#### **UNIT V: Legal Mechanisms**

**(18 HOURS)**

Blockade - Concept, Establishment, Kinds and Penalties for breach  
Prize Courts, Organization, role and functions of International Court of Justice.

### **REFERENCE BOOKS:**

1. Tandon, M.P, and Rajesh Tandon, An Introduction of International Law, Allahabad: Allahabad Law Agency, 1987.
2. Kapoor, S.K., International Law, Allahabad; Allahabad Law Agency, 1989.
3. Chavan, R.S., An Approach to International Law, New Delhi: Sterling, 1971.
4. Starke, J., An Introduction to International Law.
5. Oppenheim, International Law.

### **WEBSITES:**

1. <https://www.britannica.com/topic/international-law/Historical-development>
2. [https://www.loc.gov/rr/frd/Military\\_Law/pdf/rules\\_warfare-1940.pdf](https://www.loc.gov/rr/frd/Military_Law/pdf/rules_warfare-1940.pdf)
3. <https://digitalcommons.du.edu/cgi/viewcontent.cgi?article=1944&context=djilp>
4. <https://www.longdom.org/articles/peaceful-settlement-of-disputes.pdf>
5. <https://digitalcommons.law.yale.edu/cgi/viewcontent.cgi?article=2185&context=yilj>

## Question Paper Pattern

Section	Question Component	Numbers	Marks	Total
Section A	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
Section B	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
Section C	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

## Distribution of Questions:

Sections	Units	No. of Questions	
		Theory	Problems
Section A	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
Section B	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
Section C	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## **CORE – VII: ARMS CONTROL AND DISARMAMENT**

<b>SUBJECT CODE : 19PDEF308</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: II</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

Disarmament efforts from the formation of nation state system is attempted in this paper which gained momentum after the Second World War and also Arms control measures are applied to Nuclear states which is being appraised in this paper.

#### **UNIT-I**

**(18 HOURS)**

Armament Meaning, Development and New trends.

Basic Concepts and theories-.

Concept and correlation between Disarmament & Arms Control.

Objectives and conditions of Disarmament & Arms Control.

#### **UNIT-II**

**(18 HOURS)**

Elements of Arms Control Mechanism: Agreements, Verification, Inspection, & Control regimes.

Measures of Arms Control & Disarrangement.

#### **UNIT-III**

**(18 HOURS)**

Weapons of Mass Destruction- Nuclear Weapons, Chemical, Biological and Weather Weapons.

Weapons of Mass Destruction (WMD) Control Treaties: NPT, TTBT, PTBT, CTBT, FMCT, BW

Conventions & Control Mechanism.

#### **UNIT-IV**

**(18 HOURS)**

Nuclear policies of Nuclear powers & Non-Nuclear powers w.r.t. Non-Proliferations and Arms Control.

Trends in Military Expenditure: India and the world

#### **UNIT-V**

**(18 HOURS)**

Arms Trade Treaty (ATT) and its implications for Regional & Global Security.

Social and Economic consequences of Disarmament & Arms Control.

### **REFERENCE BOOKS:**

1. Emile Beniot & K.E. Bonlding, Disarmament and the Economy, Harper & Raw Publisher, New York, 1963
2. R. Faramazyan, Disarmament and the Economy, Progg Publishers, Moscow, 1981
3. P.K.Mishra, Arms Race Disarmament and Indian Ocean, UDH publishing House, Delhi, 1989
4. Garin Kennedy, The Military in the Third World, The Garden City Press, London, 1974
5. Singh V.K., Problems & Prospects of Development through Disarmament, Ph.Dthesis, Gorakhpur, 1992

### **WEBSITES:**

1. <https://sipri.org/research/armament-and-disarmament>
2. <https://www.unidir.org/files/publications/pdfs/arms-control-verification-en-320.pdf>
3. <https://www.armscontrol.org/treaties>
4. [https://www.sipri.org/sites/default/files/2020-04/fs\\_2020\\_04\\_milex\\_0.pdf](https://www.sipri.org/sites/default/files/2020-04/fs_2020_04_milex_0.pdf)
5. <https://www.un.org/disarmament/convarms/att/>

### Question Paper Pattern

Section	Question Component	Numbers	Marks	Total
<b>Section A</b>	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
<b>Section B</b>	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

### Distribution of Questions:

Sections	Units	No. of Questions	
		Theory	Problems
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	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## CORE – VIII: STRATEGIC THOUGHT

<b>SUBJECT CODE : 19PDEF309</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: II</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

This paper aims to introduce the various thoughts by various strategic thinkers like Kautaliya, Gandhi, Nehru, Jomini, Karl Marx, Liddlehart, Maotsetung. etc. were covered.

### **UNIT – I Introduction:**

**(18 HOURS)**

Concept and components of Strategic thought

Contributions of Kautilya's (Philosophy of war). Gandhi (non-violence) and Nehru (Non-Alignment).

### **UNIT-II 18th C thinkers:**

**(18 HOURS)**

Jomini: Concept of Mass army, Strategy, Tactics and Logistics

Clausewitz: War and its relationship with politics.

### **UNIT-III Thinkers Up to World War I:**

**(18 HOURS)**

Karl Marx, military concept of social revolution.

Dupicq & Foch

### **UNIT – IV Strategic thoughts between two World Wars**

**(18 HOURS)**

Liddell hart: Total war, deterrence & British concept of warfare

A.T. Mahan: Theory of Sea Power (c) Douhet, Mitchel & Seversky: Theories of air warfare.

### **UNIT- V Thinkers after World War II:**

**(18 HOURS)**

Mao & Che Guevara – Guerilla Warfare

### **REFERENCE BOOKS:**

1. John Burton, G/ofofl/ Conflict: The Domestic Sources of International Crfs/s (Brighton, Wheatsheaf: 1984)
2. L. Whetten {ed.}, The Political Implications of Soviet Military, Power, {Crane Russak, New York: 1977}.
3. Helmut Sonnervieldi, Soviet Perspectives on Security XAdelphi Paper no. 150, IISS, London: 1979).
4. Derek heehaeri, Soviet Military Thinking, (Allen & Unwin: London, 1981).
5. Thomas W. Wolfe, Military Power and Soviet Policy (Rand Corp., Santa Monica: CaUf P- 5388: 1975)

### **WEBSITES:**

1. [https://mpr.ub.uni-muenchen.de/9962/1/MPRA\\_paper\\_9962.pdf](https://mpr.ub.uni-muenchen.de/9962/1/MPRA_paper_9962.pdf)
2. <http://www.perseus.tufts.edu/hopper/text?doc=Perseus%3Atext%3A2001.05.0051%3Achapter%3D6>
3. <https://www.jstor.org/stable/j.ctt1647cr1>
4. <https://www.britannica.com/topic/The-Influence-of-Sea-Power-upon-History-1660-1783>
5. <https://www.jstor.org/stable/177959?seq=1>

## Question Paper Pattern

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<b>Section B</b>	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

## Distribution of Questions:

Sections	Units	No. of Questions	
		Theory	Problems
<b>Section A</b>	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## ELECTIVE – II: GEO POLITICS AND MILITARY GEOGRAPHY

<b>SUBJECT CODE : 19PDEF310</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: II</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

To enable the student, understand the influence of Geography on the nature and function of war. Geography has had great influence on the scope and outcome of several decisive battles across the globe. Geography is the fundamental determinants of the national power and decides on the politico strategic structure of the states.

### **UNIT I Introduction**

**(18 HOURS)**

Fundamentals of military geography (Accessibility, Visibility, Location, Distance, Climate etc.) Role and Importance of Geo – Politics  
Geographic components of National Power.

### **UNIT II Geo – Political Thought:**

**(18 HOURS)**

Theories of Haushofer  
Mackinder and  
A.T.Mahan.

### **UNIT III Applied Military Geography:**

**(18 HOURS)**

Basics of Global Positioning System (GPS),  
Global Information System (GIS) and  
Remote Sensing.

### **UNIT IV Geo – Strategic significance of India:**

**(18 HOURS)**

Geographical Location  
Natural resources, Land mass, Rivers, Minerals & Oil  
Importance of Andaman, Nicobar and Lakshadweep Islands

### **Unit V India's Borders**

**(18 HOURS)**

Nature and characteristics of land borders  
Maritime boundaries  
Concept of Territorial waters and Exclusive Economic Zone.

### **REFERENCE BOOKS:**

1. Das, S.T., Geo-Strategies, Allahabad: KitabMahal, 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, 5. Edward, Makers of Modern Strategy: Military Thought from Machiavelli to Hitler,1948.

**WEBSITES:**

1. <https://www.yourarticlelibrary.com/india-2/national-power-elements-evaluation-and-limitations/48489>
2. <https://lotusarise.com/heartland-and-rimland-theory-upsc/>  
[http://www.mpgmahavidyalaya.org/userfiles/07\\_chapter3.pdf](http://www.mpgmahavidyalaya.org/userfiles/07_chapter3.pdf)  
<https://www.ijsr.net/archive/v4i1/SUB1525.pdf>
3. <https://byjus.com/free-ias-prep/exclusive-economic-zone-eez/>

**Question Paper Pattern**

Section	Question Component	Numbers	Marks	Total
<b>Section A</b>	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
<b>Section B</b>	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

**Distribution of Questions:**

Sections	Units	No. of Questions	
		Theory	Problems
<b>Section A</b>	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	



## CORE – IX: AREA STUDIES – INDIA AND SAARC

<b>SUBJECT CODE : 19PDEF311</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: III</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

To understand the main argument of area studies in the furtherance of knowledge. To analyse the aim, evolution and direction of SAARC as an enabling regional institution for South Asia. To highlight the nuances of the immense potentials present in South Asia with particular reference to India and SAARC.

#### **UNIT-I Introduction**

**(18 HOURS)**

Strategic Location of South Asia  
Political composition of South Asia

#### **UNIT-II Pakistan & Bangladesh**

**(18 HOURS)**

Strategic Location  
Government and its Politics  
Role of external powers and its impact on India

#### **UNIT-III Sri Lanka and Maldives**

**(18 HOURS)**

Strategic Location  
Government and its Politics  
Role of external powers and its impact on India

#### **UNIT-IV Afghanistan, Nepal & Bhutan**

**(18 HOURS)**

Strategic Location  
Government and its Politics  
Role of external powers and its impact on India

#### **UNIT-V Regional Organisation – SAARC**

**(18 HOURS)**

Aim and Objectives  
Scope and Function  
Assessment of SAARC

### **REFERENCE BOOKS:**

1. Jai Prakash Sharma, Federal systems of India and Pakistan: A comparative perspective, (Jaipur, India : Exclusive distributor, 1987).
2. Jaddish P Jain, China, Pakistan, and Bangladesh, (New Delhi, Radiant Publishers, 1974).
3. Saeed Shafqat (edited), Contemporary issues in Pakistan studies, (Lahore: Azad, 1998).
4. K.K. Bhardwaj, Pakistan's March to Democracy and Liberalism, (New Delhi, Anmol Publications, 1999).
5. Rajvir Singh, U.S. – Pakistan and India: Strategic Relations, (Allahabad, Chugh Publications, 1985).

**WEBSITES:**

1. [https://saylordotorg.github.io/text\\_world-regional-geography-people-places-and-globalization/s12-south-asia.html](https://saylordotorg.github.io/text_world-regional-geography-people-places-and-globalization/s12-south-asia.html)
2. <https://www.files.ethz.ch/isn/47558/Pakistan.pdf>
3. <https://maritimeindia.org/significance-of-the-maldives-to-india/>
4. [https://nios.ac.in/media/documents/Military\\_Studies\\_374/Book-1/Chapter-8.pdf](https://nios.ac.in/media/documents/Military_Studies_374/Book-1/Chapter-8.pdf)  
<https://www.yourarticlelibrary.com/economics/trade-economics/saarc-main-objectives-of-saarc/40408>

**Question Paper Pattern**

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Section A	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
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Section C	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

**Distribution of Questions:**

Sections	Units	No. of Questions	
		Theory	Problems
Section A	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
Section B	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
Section C	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## CORE – X: PEACE AND CONFLICT STUDIES

<b>SUBJECT CODE :19PDEF312</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: III</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

The course seeks to provide basic knowledge and understanding of peace and conflict studies in general, and develop conflict sensitivity and conflicting mapping skills through number of case studies in particular. It seeks to offer students concepts and theories to analyse conflicts, develop and support arguments, and learn to structure and write in a multidisciplinary manner. To reduce violent conflict and promote justice by means of negotiations and nonviolent action.

### **UNIT-I (18 HOURS)**

Peace and Conflict Studies: Meaning, Nature and Scope  
Conceptual analysis of Conflict and Peace

### **UNIT-II (18 HOURS)**

Conflict management in the regional context  
Gandhian Approach and its relevance today for Conflict Resolution

### **UNIT-III (18 HOURS)**

Causes of war  
Regional Conflicts and Role of United Nations

### **UNIT-IV (18 HOURS)**

Confidence & Security Building Measures (CSBM)  
Peace Building, Peace Making, Peace Keeping and Peace Enforcement

### **UNIT-V (18 HOURS)**

Pacific and Coercive Settlement of Dispute  
Peace Research and Peace Movements  
Concept and theories of Conflict Resolution; IGOs and NGOs in Conflict Resolutions.

### **REFERENCE BOOKS:**

1. K.E.Boulding, Conflict and Defence: A General Theory, Newyork,1962
2. Anima Bose (ed), Peace and Conflict Resolution in World Community, New Delhi, 1919
3. BhaskarRoa, Global Perceptions on Peace Education, New Delhi, 1996.
4. Peter Ackerman & Jack Duvall, A Force More Powerful: A Century of Non-Violent Conflicts, New York, 2000.
5. Boutros- Ghali, An Agenda For Peace: Preventive Diplomacy, Peace Making and Peace Keeping, (U.N.Report) New York, 1992.

**WEBSITES:**

1. <https://www.studocu.com/in/document/savitribai-phule-pune-university/ma-defence-strategic-studies/lecture-notes/lec-01-unit-1-peace-and-conflict-studies-nature-and-scope/2712957/view>
2. <https://www.mkgandhi.org/articles/ChhayaRai.htm>
3. <https://www.britannica.com/topic/war/The-causes-of-war>
4. <https://www.peaceinsight.org/en/articles/peacemaking-peacekeeping-peacebuilding-peace-enforcement-21st-century/?location=&theme=>
5. <http://egyankosh.ac.in/bitstream/123456789/24690/1/Unit-15.pdf>

**Question Paper Pattern**

Section	Question Component	Numbers	Marks	Total
Section A	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
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Section C	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

**Distribution of Questions:**

Sections	Units	No. of Questions	
		Theory	Problems
Section A	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
Section B	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
Section C	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## **CORE – XI: DEFENCE ECONOMICS AND DEFENCE MANAGEMENT**

<b>SUBJECT CODE :19PDEF313</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: III</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

Economic and Management are imperatives and 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 and also a clear insight into the principles and concepts of management.

### **UNIT-I**

**(18 HOURS)**

a) Concepts; theories of war & war economics. b) Economic warfare Impact of war on economy  
c) Economic Potential of War and Economic Weapon Cost of war

### **UNIT-II**

**(18 HOURS)**

a) Defence production in India b) Economic problem and planning for Indian Defence  
(c) War Finance (d) Defence Budget and National Security

### **UNIT-III**

**(18 HOURS)**

a) Comparative Study of Defence Budget of India , Pakistan & China b) The new international economic order – Regional economic groupings c) Introduction of administration d) Definition of administration and management e) Principles and process of defence management.

### **UNIT-IV**

**(18 HOURS)**

Planning (1) Definition and features (2) Steps in planning (3) Management by objectives (4) Decision Making process and techniques. Organizing Structure, function and characteristics of military organizations

### **UNIT-V**

**(18 HOURS)**

Staffing (1) Sources of Manpower supply (2) Selection process for officers and other ranks in Indian Armed Forces and Para-Military Force Directing and controlling (1) Military leadership (2) Parameters of morale and motivation (3) Control techniques.

### **REFERENCE BOOKS:**

1. Rethinking the Economics of war: The intersection of Need, Creed and Greed Edited by Cynthia J Arnson, Published: 28 October 2005
2. Economics of war and Peace: Economic Legal and Political perspectives, Edited by Ben Goldsmith , Published : Emerald Group Publishing Limited, Published: 01 July 2010, ISBN 13: 99780857240040
3. The Economics of war : The Economics of war by Pal Poast, Publisher: McGraw Hill Higher Education, Published: 21 March, 2008, ISBN 13: 9780073133997
4. Principles of Management, M. Govindarajan and S. Natarajan, PHI Learning Pvt. Ltd.,
5. Principles of Management, Tripathi, Tata McGraw-Hill Education

## WEBSITES:

1. <https://www.economicshelp.org/blog/2180/economics/economic-impact-of-war/>
2. [https://idsa.in/idsastrategiccomments/DefenceBudgetasaStrategicToolofNationalSecurity\\_AKumar\\_230607](https://idsa.in/idsastrategiccomments/DefenceBudgetasaStrategicToolofNationalSecurity_AKumar_230607)
3. [https://www.managementstudyguide.com/management\\_administration.htm](https://www.managementstudyguide.com/management_administration.htm)
4. <https://www.businessmanagementideas.com/management/decision-making-management/decision-making-definitions-types-techniques-methods-process-and-steps/18249>
5. [https://www.managementstudyguide.com/management\\_functions.htm](https://www.managementstudyguide.com/management_functions.htm)

## Question Paper Pattern

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	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
Section B	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
Section C	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## **CORE – XII: SCIENCE, TECHNOLOGY AND NATIONAL SECURITY**

<b>SUBJECT CODE :19PDEF314</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: III</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

The Close relationship between science and technology plays an important role in Nation's defence and security. This relationship in turn determines its technological direction towards military preparedness. This paper examines this interactive relationship and helps in broadening the horizon of knowledge in this area.

#### **UNIT –I Introduction**

**(18 HOURS)**

Relevance of Science and Technology in National Security Affairs.  
Concept of Military, Non-Military and Dual Use Technologies

#### **UNIT –II Emergence of New Technologies during Industrial Revolution and Their Effects**

**(18 HOURS)**

IC Engine  
Electricity  
RADAR  
Radio

#### **UNIT –III Areas of Military Research upto WW II**

**(18 HOURS)**

Energy Technologies  
Atomic Science  
Oceanography  
Electronics

#### **UNIT – IV Technologies Since WWII**

**(18 HOURS)**

Information Technology  
Bio- Technology  
Artificial Intelligence  
Stealth Technology

#### **Unit – V Science and Technology base of India: Brief Survey**

**(18 HOURS)**

### **REFERENCE BOOKS:**

1. Croissant, W. Bauchspies and S. Restivo, Science, Technology and Society: A Sociological Approach (Blackwell, 2005).
2. Hackett, Ed., et al. 2007. Handbook of Science and Technology Studies. MIT Press 3rd edition.
3. Hess, D. Science Studies, New York: NYU Press, 1997.
4. Jasanoff, S., G. Markle, J.C. Petersen, and T. Pinch (eds), Handbook of Science and Technology Studies. Beverly Hills: Sage, 1993. 2nd edition.
5. Restivo, S. Science, society, and Values: Toward a Sociology of Objectivity. Lehigh, 1993

**WEBSITES:**

1. [https://cra.org/crn/2009/11/the critical role of science and technology for national defense/](https://cra.org/crn/2009/11/the_critical_role_of_science_and_technology_for_national_defense/)
2. [https://www.britannica.com/technology/history-of-technology/The-Industrial-Revolution- 1750-1900](https://www.britannica.com/technology/history-of-technology/The-Industrial-Revolution-1750-1900)
3. <https://www.britannica.com/science/atom>
4. <https://idsa.in/system/files/monograph33.pdf>
5. <https://dst.gov.in/survey-of-india-zone>

**Question Paper Pattern**

Section	Question Component	Numbers	Marks	Total
<b>Section A</b>	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
<b>Section B</b>	<b>Short Answer</b> Answer any 5 out of 7 questions	13-19	6	30
<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

**Distribution of Questions:**

Sections	Units	No. of Questions	
		Theory	Problems
<b>Section A</b>	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	



### ELECTIVE – III: DEFENCE JOURNALISM

<b>SUBJECT CODE :19PDEF315</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: III</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

#### **COURSE OBJECTIVES:**

Defence journalism, though very much a part of modern day journalism, has practically very little literature for reference. There is an urgent need to understand essential information, facts, sources, and the qualities required to become a successful defence journalist. Also, provide knowledge how to be responsible Defence Journalist. Depending on branch of service and specific Military Occupational speciality, military journalists learn to do a surprising variety of jobs.

#### **UNIT I Introduction Journalism:**

**(18 HOURS)**

Meaning, relevance and scope  
News Organization structure and functioning  
Media: concept, kind and characteristics.

#### **UNIT II Defence News:**

**(18 HOURS)**

Purpose and meaning  
Kinds and source  
Theories of news selection

#### **UNIT III Reporting**

**(18 HOURS)**

Format, Language and Grammar  
Kinds: Eye Witness, Computer assisted Features  
Concepts of Graphics and animation  
Interviewing skills.

#### **UNIT IV Editing:**

**(18 HOURS)**

Abbreviations and definition of military terms  
Proof – reading symbols  
Caption writing and picture editing.

#### **UNIT V Hurdles in Defence writing:**

**(18 HOURS)**

Media Ethics  
Media Laws  
Military vs. Media debate  
News Photography.

#### **REFERENCE BOOKS:**

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.

**WEBSITES:**

1. <https://www.enotesmba.com/2012/07/mba-notes-media-characteristics.html>
2. <http://studylecturenotes.com/what-is-news-meaning-definition-and-sources-of-news/>
3. <https://www.tribuneindia.com/news/schools/how-to-write-a-news-report-108029>
4. <http://egyankosh.ac.in/bitstream/123456789/7594/1/Unit-2.pdf>
5. <http://muslimmirror.com/eng/defence-journalism-challenges-and-opportunities/>

**Question Paper Pattern**

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<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

**Distribution of Questions:**

Sections	Units	No. of Questions	
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<b>Section A</b>	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

### CORE - XIII: WARS IN CONTEMPORARY PERIOD

<b>SUBJECT CODE : 19PDEF316</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: IV</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

#### **COURSE OBJECTIVES:**

After going through this paper students will have an understanding of wars that were fought after the end of World War – II . This paper deals with the evolution of limited wars after the end of World War – II. To make the students learn about some of the important wars that was fought after 1945.

#### **UNIT – I : Korean War (18 HOURS)**

Concept, meaning and scope of limited wars  
Causes of Korean War  
Main events  
Role of UNO

#### **UNIT – II: Vietnam War (18 HOURS)**

Causes  
Main events  
Lessons learnt

#### **UNIT – III: Arab Israeli Wars, 1967 & 1993 (18 HOURS)**

Causes  
Main events  
Role of Air power  
Lessons learnt

#### **UNIT – IV: Iran – Iraq War (18 HOURS)**

Causes  
Highlights of the war  
Result and lessons learnt

#### **UNIT – V: Gulf of War I & II (18 HOURS)**

Causes  
Highlights of the war  
Role of the UN

#### **REFERENCE BOOKS:**

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.

**WEBSITES:**

1. <https://www.sparknotes.com/history/american/koreanwar/summary/>
2. <https://www.history.com/topics/vietnam-war/vietnam-war-history>
3. <https://history.state.gov/milestones/1945-1952/arab-israeli-war>
4. <https://www.britannica.com/event/Iran-Iraq-War>
5. <https://www.britannica.com/event/Persian-Gulf-War>

**Question Paper Pattern**

Section	Question Component	Numbers	Marks	Total
<b>Section A</b>	<b>Definition / Principle</b> Answer any 10 out of 12 Questions	01-12	3	30
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<b>Section C</b>	<b>Essay</b> Answer any 4 out of 6 questions	20-25	10	40

**Distribution of Questions:**

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		Theory	Problems
<b>Section A</b>	Unit – 1	2	
	Unit – 2	2	
	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
<b>Section B</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## CORE-XIV POST INDEPENDENT WARS OF INDIA

<b>SUBJECT CODE : 19PDEF317</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: IV</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

This paper aims at introducing to the students different aspects of Post Independent wars and military operations of India. It helps the students to understand how India fought wars with its Neighbours and what were the lessons that India learned where covered in this paper.

### **UNIT I Introduction:**

**(18 HOURS)**

Partition of British Indian Army

Early Challenges: Annexation of Junagadh – 1947. Operations Polo (Integration of Hyderabad 1948), Operation Vijay (Integration of Goa 1961).

### **UNIT II Operation in Kashmir – 1947 – 48**

**(18 HOURS)**

Events leading to annexation

Operations of Indian Army

Military lessons.

### **UNIT III Chinese invasion of India – 1962**

**(18 HOURS)**

Causes of War

Important Operations of War

Military Re – organization.

### **UNIT IV**

**(18 HOURS)**

Indo – Pakistan War of 1965: Outline of the Operations, Role of Artillery

Operation Cactus- Lily.

Liberation of East Pakistan 1971- Origin and Causes of War.

### **UNIT V Internal Security Operations**

**(18 HOURS)**

Operation Blue Star – 1984

Operation Rhino (Northeast Region)

Operation Vijay.

### **REFERENCE BOOKS:**

1. Sinha Lt. Gen - Slender was the Thread
2. Johari, Sitaram - Chinese invasion of NEFA
3. Mankekar D.R - Pakistan Cut to size
4. Subramaniam. K. - Liberation War
5. Subramaniam. K - Kargil Report

### **WEBSITES:**

1. <https://www.britishmilitaryhistory.co.uk/documents-india-1930-1947/>
2. <https://indianarmy.nic.in/Site/FormTemplate/frmTempSimple.aspx?MnId=q5WN8tZPRKrs9b7ZIIo4+Q==&ParentID=71dwwK41JrMuZLBgQd2mNQ==>
3. [https://nios.ac.in/media/documents/military\\_history\\_375/Book-2/Chapter-17.pdf](https://nios.ac.in/media/documents/military_history_375/Book-2/Chapter-17.pdf)
4. <https://history.state.gov/milestones/1961-1968/india-pakistan-war>
5. <https://www.britannica.com/topic/Operation-Bluestar>

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	Unit – 4	2	
	Unit – 5	2	
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	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## **CORE-XV: INTRODUCTION TO INDUSTRIAL SECURITY**

<b>SUBJECT CODE : 19PDEF318</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: IV</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES**

This paper attempts to familiarize the students with latest management techniques and their applicability for better management techniques. To identify new challenges to the security of industrial undertakings and reassess the threat perception. To understand the purpose of Industrial awareness programmes to understand the importance of training which continues to play a vital role in ensuring the safety of country's infrastructure.

#### **UNIT I: Introduction**

**(18 HOURS)**

Definition, Meaning and Scope/Concepts  
Security, Type of Security, Types of security services.  
Industries- Meaning and types

#### **UNIT II: Security Awareness**

**(18 HOURS)**

Meaning and Concept ,  
Introduction to IPC, Cr PC, CPC.  
The Security Awareness program  
Cyber Security, Forensic Science – Relevance & scope

#### **UNIT III: Role of private Security Service**

**(18 HOURS)**

Functions of security: (a) Preventive Security (b) Protective Security (c) Detective security (d)  
Punitive security

#### **UNIT IV: Perimeter security**

**(18 HOURS)**

Barrier Planning  
Fencing standards.  
Types of Security Fences.

#### **UNIT V: Industrial Visit and Report Writing**

**(18 HOURS)**

### **REFERENCE BOOKS:**

1. Bailin, Paul S. Private Security Services to 2004. Cleveland, Ohio: The Freedonia Group, Inc., 2000.
2. Cunningham, William C., and Strauchs, John J. "Security Industry Trends: 1993 and Beyond." Security Management 36, no. 12 (1992)
3. Inbau, Fred E.; Farber, Bernard J.; and Arnold, David W. Protective Security Law. Boston: Butterworth-Heineman, 1996.
4. Mccrie, Robert D. "A Brief History of the Security Industry in the United States." In Business and Crime Prevention. Edited by M. Felson and R. V. Clarke. Monsey, N.Y.: Criminal Justice Press, 1997.
5. Nalla, Mahesh K.; Hoffman, Vincent J.; and Christian, Kenneth E. "Security Guards Perceptions of Their Relationship with Police Officers and the Public in Singapore." Security Journal 7 (1996)

**WEBSITES:**

1. <https://ncert.nic.in/vocational/pdf/iesg101.pdf>
2. [https://mrcet.com/pdf/Lab%20Manuals/IT/CYBER%20SECURITY%20\(R18A0521\).pdf](https://mrcet.com/pdf/Lab%20Manuals/IT/CYBER%20SECURITY%20(R18A0521).pdf)
3. <https://ncert.nic.in/vocational/pdf/iesg101.pdf>
4. <https://www.ifsecglobal.com/perimeter-security-the-big-picture/>
5. [https://www.academia.edu/30800511/INDUSTRIAL\\_VISIT\\_REPORT\\_A\\_Report\\_on\\_Industrial\\_visit\\_to](https://www.academia.edu/30800511/INDUSTRIAL_VISIT_REPORT_A_Report_on_Industrial_visit_to)

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	Unit – 4	2	
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<b>Section B</b>	Unit – 1	1	
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	Unit – 4	1	
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<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	



## CORE-XVI: SPECIALIZED WARFARE

<b>SUBJECT CODE : 19PDEF319</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: IV</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

After completing the paper the students will understand the types of war prevalent in the world. This paper describes the various types of warfare that are taught in the world. To understand the different types of war waged by nations at large.

### **UNIT – I: Psychological Warfare (18 HOURS)**

Definition and nature of Psychological Warfare  
Types of Propaganda  
Brain washing and Rumour—Nature, Techniques and its Effects

### **UNIT – II: Biological and Chemical Warfare (18 HOURS)**

Concept and objectives  
Characteristics  
Types of Agents and its effects

### **UNIT – III: Guerilla Warfare (18 HOURS)**

Concept and objectives  
Characteristics of Guerilla Warfare  
Elementary knowledge of Insurgency and Counter Insurgency

### **UNIT – IV: Nuclear Warfare (18 HOURS)**

Concept and origin of Nuclear Warfare  
Development of Nuclear Weapons  
Effects of Nuclear Explosion- Flash, Thermal Radiation, Nuclear Radiation

### **UNIT – V: Terrorism & International Terrorism (18 HOURS)**

Definition & Causes Types and Techniques Nature and Trends

### **REFERENCE BOOKS:**

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)

### **WEBSITES:**

1. <https://www.thoughtco.com/psychological-warfare-definition-4151867>
2. <https://www.worldatlas.com/articles/chemical-and-biological-warfare-major-threat-in-the-21st-century.html>
3. <https://www.thoughtco.com/guerrilla-warfare-definition-tactics-examples-4586462>
4. <https://www.britannica.com/technology/nuclear-weapon>
5. <https://www.britannica.com/topic/terrorism>

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	Unit – 5	2	
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	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	

## **CORE-XVII: RESEARCH METHODOLOGY AND DISSERTATION**

<b>SUBJECT CODE : 19DEF320</b>	<b>THEORY / PRACTICAL</b>	<b>100 MARKS</b>
<b>SEMESTER: IV</b>	<b>CREDITS: 4</b>	<b>TOTAL HOURS: 90</b>

### **COURSE OBJECTIVES:**

To identify and discuss complex issues inherent in selecting a research problem, selecting an appropriate research design, and implementing a research project. To identify and analyse the concepts and procedures of sampling, data collection, analysis and reporting.

### **UNIT-I Some Social Science Paradigms (18 HOURS)**

a) Social Science Research Methodology: Concerns of Social Science Research, Qualitative and Quantitative inquiries b) Ontology and Epistemology c) Theory and its role d) Deductive and Inductive Theory

### **UNIT –II Developing a Research Proposal (18 HOURS)**

Introduction, The Proposal: a) overview of the study- introduction/background of the study b) literature review- need and scope, concepts and variables c) statement of Research Problem d) the need for Research objectives or aims e) why research questions? f) What is Research Hypothesis? Do we need any? g) Selecting a Research Methodology- choice of an appropriate research design (experimental and non- experimental) h) Scope of the Study/Significance of the Study/Limitations of the Study

### **UNIT –III Research Design (18 HOURS)**

Introduction A) Qualitative Research Design a) Nature of Explanations b) Dimensions of Qualitative Research c) The Qualitative Procedure, B) Generating Qualitative Data: observations, interviews, focus group discussions etc., C) Triangulation D) Types of Qualitative Methods: Case Study, historical method, participant observation E) Quantitative Methods: Survey Research

### **UNIT – IV Sampling (18 HOURS)**

Population/Universe b) Sampling frame c) Sampling unit d) Types: Probability and Non- Probability e) Probability: Simple Random, Stratified Random, Systematic Random, Multistage Cluster f) Non-Probability: Judgement/Purposive, Convenience, quota, snowball

### **UNIT-V Analyzing Qualitative Data (18 HOURS)**

a) Data processing- Qualitative b) Data Analysis

### **REFERENCE BOOKS:**

1. Pennings, Paul, Keman Hans, and Kleinnijenhuis : Doing Research in Political Science: An Introduction to Comparative Methods and Statistics, 2<sup>nd</sup> edition, London, Sage Publications, 2006
2. McNabb, David E.: Research Methods for Political Science: Quantitative and Qualitative Methods, New Delhi, Prentice Hall, 2004 C.R, Kothari, Research Methodology: Methods and Techniques, New Age International (P) Limited, Publishers, 2004
3. Babbie, Earl: The Practice of Social Science Research, 7<sup>th</sup> ed, Belmont, (California) Wadsworth Publishing Company, 1995.
4. Blaxter, L. Hughes, C, and Tight, M, How to Research, Buckingham, Open University Press, 1996

**WEBSITES:**

1. [https://www.academia.edu/40309984/LECTURE\\_NOTES\\_Research\\_Methodology](https://www.academia.edu/40309984/LECTURE_NOTES_Research_Methodology)
2. [https://www.researchgate.net/publication/325545912\\_RESEARCH\\_PROPOSAL](https://www.researchgate.net/publication/325545912_RESEARCH_PROPOSAL)
3. <https://www.yourarticlelibrary.com/marketing/research-design-introduction-contents-and-types/48714>
4. <https://study.com/academy/lesson/what-is-sampling-in-research-definition-methods-importance.html>
5. <https://research-methodology.net/research-methods/data-analysis/>

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**Distribution of Questions:**

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	Unit – 3	2	
	Unit – 4	2	
	Unit – 5	2	
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	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	
<b>Section C</b>	Unit – 1	1	
	Unit – 2	1	
	Unit – 3	1	
	Unit – 4	1	
	Unit – 5	1	