

WEST BENGAL STATE UNIVERSITY



Department of Defence Studies **DRAFT OF THE SEMESTER-WISE COURSE STRUCTURES**

Final Draft Syllabus **B.A. (General) Course [in Defence Studies]**

UNDER THE CHOICE BASED CREDIT SYSTEM (CBCS)
Recommended by the University Grants Commission (UGC)

[to be implemented from the Academic Session 2018-19]

**Three year B.A. General Course [in Defence Studies]
Semester-wise Structure of Syllabus CBCS
to be effective from the Academic Session 2018-19**

Year 1 : Semester 1

Paper No.	Subject	Credit
DFSGCOR01T	India's National Security Policies	6
DFSGCOR02T	Problems of Indian Internal Security	6
ENGLCOR01T	English – 1	6
ENVSAEC01T	Environmental Studies	2
	Total	20

Year 1 : Semester 2

Paper No.	Subject	Credit
DFSGCOR03T	Indian History of War	6
DFSGCOR04T	Contemporary Warfare	6
ENGLCOR02T	English - 2	6
ENGSAEC01M	Language : English Modern Indian Language	2
	Total	20

Year 2 : Semester 3

Paper No.	Subject	Credit
DFSGCOR05T	Modern Strategic Thoughts	6
DFSSSEC01M	Consumer Protection Rights	2
DFSGCOR06T	Conflict and Peace Studies	6
ENGLCOR03M	Modern Indian Language - 1	6
	Total	20

Year 2 : Semester 4

Paper No.	Subject	Credit
DFSSSEC02M	Road safety & Rights	2
DFSGCOR07T	Defence Economics	6
DFSGCOR08T	Military Geography	6
ENGLCOR04M	Modern Indian Language – 2	6
	Total	20

Year 3 : Semester 5

Paper No.	Subject	Credit
DFSGGEC01T	Choose any 1 of the following papers: (A) India and Major Powers (B) India and Her Neighbours	6
DFSSSEC03M	Introduction to Human Rights	2
FACGDSE01T	DSE 1 TO DSE 4 from Group-A	6+6

To FACGDSE04T	(Any two DSEs are to be chosen) [For details see Table-1]	
Total		20

Year 3 : Semester 6

Paper No.	Subject	Credit
DFSGGEC02T	Choose any 1 of the following papers: (A) Global security Issues (B) Global security Challenges	6
DFSSSEC04M	Disaster Management	2
FACGDSE05T To FACGDSE08T	DSE 5 TO DSE 8 from Group-B (Any two DSEs are to be chosen) [For details see Table-2]	6+6
Total		20
Grand Total		120

DISCIPLINE SPECIFIC ELECTIVE COURSES

Table-1 : Group-A

<i>Course Code</i>	<i>Course Name</i>
DFSGDSE01T	India and Major Powers
DFSGDSE02T	India and Her Neighbours
DFSGDSE03T	Global Security Issues
DFSGDSE04T	Global Security Challenges

Table-2 : Group-B

<i>Course Code</i>	<i>Course Name</i>
DFSGDSE05T	Industrial Security
DFSGDSE06T	Defence Organisation of India
DFSGDSE07T	Contemporary War and Peace
DFSGDSE08T	Defence Production in India

Year 1: Semester 1

INDIAN NATIONAL SECURITY POLICIES

Paper 1: Semester 1

Subject Code: DFSGCOR01T

Full Marks: 75

[Internal assessment – 25 Marks; Semester-end Examination – 50 Marks]

Total Credits: 6 [90 Hours]

TOTAL CLASS HOURS: 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: National Security-Meaning and Scope.	[20 L]*
Unit-2: Elements of National Security-Population, Economy, Geo-political conditions, Defence Mechanism, National Morale	[20 L]
Unit-3: India's Foreign Policy & India's Defence Policy	[20 L]
Unit-4: India's Relations with Neighbours- Bangladesh, Nepal, Pakistan, Sri Lanka and China	[20 L]
Unit-5: Collective Security- Non-Alignment	[10 L]

Suggested Readings

- ❖ K.Subrahmanum, Our National Security.
- ❖ Lt. Gen. O. Kathpalia, National Security Perspective.
- ❖ K. M. Pannikar, Problems of India's Defence.
- ❖ Bandopadhaya, Making of India's Foreign Policy.
- ❖ S. S. Shastri, Defence of India.
- ❖ U. S. Bajpai, India's Security.
- ❖ K. Subrahmanum, Safeguarding the Republic Ed, Aruna Asaf Ali, India's Unity and Security Challenges.
- ❖ K. V. KrisnaRao, Prepare or Perish.
- ❖ Lt. Col. M. G. Abhysan kar, Defence – Principles and Organization
- ❖ Major Shiam Dal & P. K. Mukherjee, Text Book of Military Science, Vol. I & II 3.
- ❖ Shah, India's Defence and Foreign Policy
- ❖ Dolly Arora, Internal Security in India.
- ❖ Basu and A. Kohli, Community conflicts and the State in India. (Cambridge: Cambridge University Press, 2001)
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- I, (Indian National Security), E. T. Publication, Berhampore, Murshidabad, (2013)
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- II, (Art of War & Mechanism of Warfare), E. T. Publication, Berhampore, Murshidabad, (2015)
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- III, (Military Geography & History), E. T. Publication, Berhampore, Murshidabad, (2014)
- ❖ Basu, Major D K, The Oriental and Occidental Art of War in Theory and Evidence in Bengali, E. T. Publication, Berhampore, Murshidabad, (2016)

* L = 1 Hour.

PROBLEMS OF INDIA'S INTERNAL SECURITY

Paper 2 : Semester 1

Paper Code : DFSGCOR02T

Full Marks: 75

[Internal assessment – 25 Marks; Semester-end Examination – 50 Marks]

Total Credits : 6 [90 Hours]
TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: Socio-Economic Problems in India –Population, Poverty & Unemployment -Introduction and Intervention.	[20 L]*
Unit-2: Regionalism and Communalism	[20 L]
Unit-3: Insurgency and Border related problems-J&K, North-East	[20 L]
Unit-4: Terrorism and Naxalite Movements	[15 L]
Unit-5: Corruption and Crime	[15 L]

Suggested Readings

- ❖ K. Subrahmanum, Our National Security.
- ❖ Lt. Gen. O. Kathpalia, National Security Perspective.
- ❖ K. M. Pannikar, Problems of India's Defence.
- ❖ Bandopadhaya, Making of India's Foreign Policy.
- ❖ S. S. Shastri, Defence of India.
- ❖ U. S. Bajpai, India's Security.
- ❖ K. Subrahmanum, Safeguarding the Republic Ed, Aruna Asaf Ali, India's Unity and Security Challenges.
- ❖ K. V. Krishna Rao, Prepare or Perish.
- ❖ Lt. Col. M. G. Abhysan kar, Defence – Principles and Organization
- ❖ Major Shiam Dal & P. K. Mukherjee, Text Book of Military Science, Vol. I & II 3.
- ❖ Shah, India's Defence and Foreign Policy
- ❖ Dolly Arora, Internal Security in India.
- ❖ Basu and A. Kohli, Community conflicts and the State in India. (Cambridge: Cambridge University Press, 2001)
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- I, (Indian National Security), E. T. Publication, Berhampore, Murshidabad, (2013)
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- II, (Art of War & Mechanism of Warfare), E. T. Publication, Berhampore, Murshidabad, (2015)
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- III, (Military Geography & History), E. T. Publication, Berhampore, Murshidabad, (2014)
- ❖ Basu, Major D K, The Oriental and Occidental Art of War in Theory and Evidence in Bengali, E. T. Publication, Berhampore, Murshidabad, (2016)

* L = 1 Hour.

Year 1 : Semester 2

INDIAN HISTORY OF WAR

Paper 1: Semester 2

Subject Code : DFSGCOR03T

Full Marks: 75

[Internal assessment – 25 Marks; Semester-end Examination – 50 Marks]

Total Credits: 6 [90 Hours]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: War-Definitions, Causes and Effects	[10 L]*
Unit-2: Indo-Greek Art of war: Battle of Jhelum (326 B.C)	[10 L]
Unit-3: Indo-Turk Art of war: Battle of Tarrain I & II (1191 & 1192 A.D.)	[10 L]

Unit-4: Battle of Panipat-I (1526 A.D.)	[10 L]
Unit-5: Battle of Haldighat (1576 A.D.)	[15 L]
Unit-6: .Battle of Plassy (1757A.D.)	[15 L]
Unit-7:.Battle of PanipatIII (1761A.D)	[10 L]
Unit-8: Battle of Asai (1803 A.D.)	[10 L]

Suggested Readings

- ❖ Bhatia H.S. Military History of British India, Deep & Deep Publication. New Delhi.
- ❖ Pitre Shashikant, Domelte Kargil Rajhansa Prakashan, Pune, 2000.
- ❖ Sexena K.M. The Military system of India, Sterling Publication, New Delhi.
- ❖ Dr. Sali M.L., India China Border Dispute, Ashish Publication, New Delhi.
- ❖ Major D.K. Plait, The Essentials of Military Knowledge
- ❖ V.K.R.V. Rao, War in Indian Economy
- ❖ J.N. Sarkar, Military History of India
- ❖ Akhtar Majee, No Farewell to Arms: Strategic issues in International Relations (New Delhi: Lancer Publishers Pvt. Ltd., 1991)
- ❖ Yengeny Dologopolov, The Army and the Revolutionary Transformation of Society (Moscow: Progress Publishers)
- ❖ Halperin Morton, *Contemporary Military Strategy*, Faber & Faber; Revised edition(December 1970)
- ❖ Maurice Clark - *Reading in the economics of War*, University of California Libraries, 1918
- ❖ Dr. SaliM.L., India China Border Dispute, Ashish Publication, New Delhi.
- ❖ Bhatia H.S. Military History of British India, Deep & Deep Publication. New Delhi.
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- I, (Indian National Security), E. T. Publication, Berhampore, Murshidabad, (2013)
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- II, (Art of War & Mechanism of Warfare), E. T. Publication, Berhampore, Murshidabad, (2015)
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- III, (Military Geography & History), E. T. Publication, Berhampore, Murshidabad, (2014)
- ❖ Basu, Major D K, The Oriental and Occidental Art of War in Theory and Evidence in Bengali, E. T. Publication, Berhampore, Murshidabad, (2016)

* L = 1 Hour.

CONTEMPORARY WARFARE

Paper 2: Semester 2

Subject Code : DFSGCOR04T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: Kashmir Conflict (1947-48A.D.)Operation Chinar-War in Ladakh	[15 L]*
Unit-2: Indo-China Art of War: 1962, Operation in NEFA- Operation in Ladakh Indo-Pak Art of war: 1965 Battle of Asal-Uttar , Operation in Chhamb,Taskand Agreement	[20 L]
Unit-3: Indo-Pak Art of war: 1971 Shimla Agreement	[10 L]

Unit-4: Limited War - MacNamara's Theory	[10 L]
Unit-5: Total War –Meaning & Concept.	[10 L]
Unit-6: Nuclear War –Meaning & Concept	[15 L]
Unit-7: Cold War, Détente, Deterrence	[10 L]

Suggested Readings

- ❖ Bhatia H.S. Military History of British India, Deep & Deep Publication. New Delhi.
- ❖ PitreShashikant, DomelteKargilRajhansaPrakashan, Pune, 2000.
- ❖ Sexena K.M. The Military system of India, Sterling Publication.New Delhi.
- ❖ Dr.SaliM.L.,India China Border Dispute,AshishPublication,New Delhi.
- ❖ Major D.K. Plait, The Essentials of Military Knowledge
- ❖ V.K.R.V. Rao, War in Indian Economy
- ❖ J.N. Sarkar, Military History of India
- ❖ AkhtarMajee, No Farewell to Arms: Strategic issues in International Relations (New Delhi: Lancer Publishers Pvt. Ltd., 1991)
- ❖ YengenyDologopolov, The Army and the Revolutionary Transformation of Society (Moscow: Progress Publishers)
- ❖ Halperin Morton, *Contemporary Military Strategy*, Faber & Faber; Revised edition (December 1970)
- ❖ Maurice Clark - *Reading in the economics of War*, University of California Libraries,1918
- ❖ Dipo,Bareilly,1992
- ❖ Surendra Kumar Mishra, SansarkePrashidhaYudha,Grantha Akadami,Delhi,1999
- ❖ Dr.SaliM.L.,India China Border Dispute,AshishPublication,New Delhi.
- ❖ LalanjiSinha,StrategicAbhiyan,Prakash Book Depo ,Bareilly
- ❖ Bhatia H.S. Military History of British India, Deep & Deep Publication. New Delhi.
- ❖ Jadhav V.Y. BhartachiRashtiryaSurksha ,Snehardhan Publication .Pune 2012.
- ❖ PitreShashikant, DomelteKargilRajhansaPrakashan, Pune, 2000.
- ❖ Sexena K.M. The Military system of India, Sterling Publication.New Delhi.
- ❖ Singh Tundon&Agrawal, Swantra Bharat Ki Yuddhakala, SharadaPushtak, Allahabad.

* L = 1 Hour.

Year 2 : Semester 3

MODERN STRATEGIC THOUGHT

Paper 1 : Semester 3

Subject Code : DFSGCOR05T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: Kautilya- King and Army	[10 L]*
Unit-2: Niccolo Machiavelli- Theory of Militia	[10 L]
Unit-3: Carl Von Clausewitz-Strategy and Tactics	[10 L]
Unit-4: Mao Tse Tung- Guerrilla Warfare	[10 L]
Unit-5: Antoni Heanre Jomini - War of Conquest	[15 L]

Unit-6: Alfred Thayer Mahan- Concept of Sea-Power	[15 L]
Unit-7: Halford John Mackinder-Theory of Heartland	[10 L]
Unit-8: GuilioDouhet- Theory of Air Power	[10 L]

Suggested Readings

- ❖ Khand JitendraDhoj, *Strategic Thoughts*, (AaratiPrapti, AjeetaKhand, Kathmandu, 2005)
- ❖ Adhikari Shekhar, *Modern Strategic Thought-Machiavelli to Nuclear Warfare*,(Ahbhinav Publication House,Allahabad,2013)
- ❖ Halperin Morton, *Contemporary Military Strategy*,(Faber London, ,1972)
- ❖ Paret Peter (ed) *Makers of Modern Strategy: From Machiavelli to Nuclear Age*, (Oxford, 1986)
- ❖ Baylis John, Booth Ken, Garnett John & Williams Phil, *Contemporary Strategy: Theories & Concepts Vol I & II* (Lodon: Groom Helm, 1987)
- ❖ Bobbit Philip &others (ed) *Us Nuclear Strategy: A Reader* (New York : New York University Press,1989)
- ❖ BajpaiKanti&Mattoo Amitabh (ed) *Securing India: Strategic Thought & Practice* (New Delhi: Manohar,1996)
- ❖ ParanjpeShrikant, *Samrikshastra* (in Marathi) , (Continental Prakashan,Pune,1994)
- ❖ Jasjit Singh &ManpreetSethi, *Nuclear Deterrence & Diplomacy* (KnowledgeWolrd, New Delhi,2004)
- ❖ Bamme, *Air Power*, (English Book Depot,1974)
- ❖ H. Beiloe, *Military History of the Western World*
- ❖ Chuadhari A.P. Lashkari Vicharvant (Marathi) (Jalgaon: Prashant Publication,2003)
- ❖ Dharmadhi kari K.D. *Samrik Vicharvant*, (Marathi), (Nashik: Punyayog Prakashan,2013)
- ❖ Khand Jitendra Dhoj, *Strategic Thoughts*, (AaratiPrapti, Ajeeta Khand, Kathmandu, 2005)
- ❖ Adhikari Shekhar, *Modern Strategic Thought-Machiavelli to Nuclear Warfare*,(Ahbhinav Publication House,Allahabad,2013)
- ❖ Halperin Morton, *Contemporary Military Strategy*,(Faber London, ,1972)
- ❖ Paret Peter (ed) *Makers of Modern Strategy: From Machiavelli to Nuclear Age*, (Oxford, 1986)
- ❖ Baylis John, Booth Ken, Garnett John & Williams Phil, *Contemporary Strategy: Theories & Concepts Vol I & II* (Lodon: Groom Helm, 1987)
- ❖ Bobbit Philip &others (ed) *US Nuclear Strategy: A Reader*(New York : New York University Press,1989)
- ❖ Bajpai Kanti & Mattoo Amitabh (ed) *Securing India: Strategic Thought &Practice*. NewDelhi: Manohar,1996)
- ❖ Jasjit Singh & ManpreetSethi, *Nuclear Deterrence & Diplomacy* (Knowledge World, New Delhi,2004)
- ❖ Bamme, *Air Power*, (English Book Depot,1974)
- ❖ H. Beiloe, *Military History of the Western World*

* L = 1 Hour.

CONSUMER PROTECTION RIGHTS

Paper 2 : Semester 3

Subject Code : DFGSSEC03T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

1.Consumer – legal and general notion	[20 L]*
2.Consumer Rights	[20 L]
3.Redressel of violation of consumer rights	[10 L]
4.DistrictRedressal Forum, State Forum , National Council	[10 L]
5.Consumer and Food Safety, Banking and Insurance problems, Misleading Advertisement	[20 L]
6.Purchase of Goods and Consumer Rights	[10 L]

* L = 1 Hour.

CONFLICT AND PEACE STUDIES

Paper 3 : Semester 3

Subject Code : DFGCOR06T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: International Conflict- Peace-Techniques of conflict Prevention& Conflict Resolution, The Challenge of Conflict Resolution	[15 L]*
Unit-2: Disarmament and Arms Control - Confidence Building Measures	[15 L]
Unit-3: UNO- i) Aims. ii)Objectivesiii) Structure. iv) Functions.	[15 L]
Unit-4: UNO's Role for Control of the International Conflicts.	[15 L]
i) Provisions of UN Charter. ii) UN Peace Keeping Operations. (Korea 1950-51) iii) Diplomatic Procedures.	
Unit-5: Role of UNO for maintenance i) Arms Control & Disarmament	[15 L]
Unit-6 : UNO and Human Rights –Universal declaration of Human Rights- progress in respects of Human Rights.	[15 L]

Suggested Readings

- ❖ Anatol Rapoport, *Conflict in Manmade Environment*, (London: 1974)
- ❖ J.W. Burton, *Conflict and Communication*, (London, 1969)
- ❖ C. Smith, *Conflict Resolution*, (London, 1969)
- ❖ David Mitrany, *A Working Peace System*, (Chicago, 1966)
- ❖ Michal Hass, *International Conflict*, (New York: Bobbs-Merrill 1975)
- ❖ Chomsky, Noam, *World Orders: Old & New*, (Oxford University Press, 1999)
- ❖ Galtung, John, *Peace by Peaceful Means*, (Sage, 1996)
- ❖ Oliver Ramsbotham, Hugh Miall, Tom Woodhouse, : *Contemporary Conflict*

- ❖ *Resolution: The Prevention, Management and transformation of Deadly Conflicts,*
- ❖ (Cambridge: Polity Press, 2011)
- ❖ John. W.Burton, *World Society,* (Cambridge University Press, 1969)
- ❖ Mishra Brijlaxmi, *United Nations and Security Challeges in New Millenium.*
- ❖ Ghanrekar, *International Law.*
- ❖ Dr. Jadhav V.Y., Patil H. S., *Global Security.*
- ❖ Calvocoressi peter, *World Politics since 1945,* London, Longman,2000.
- ❖ Halperin Morton, *Contemporary Military Strategy,* Faber & Faber; Revised edition
- ❖ (December 1970)
- ❖ Clark Maurice, *Reading in the economics of War,* University of California Libraries,1918
- ❖ Palmer & Parkins, *International Relation,* Calcutta, Scientific Book Agency – 1970.
- ❖ Brodie B., *Strategy in the missile Age,* RAND Corporation, 2007
- ❖ Morgenthau Hence, *Politics Among Nations,* McGraw-Hill Higher Education; 2005
- ❖ Panikar K.M., *Geographical factors in Indian History,* BharatiyaVidyaBhavan, 1969
- ❖ Parmer and Parkins, *International Relations,* AITBS Pub and Distributers New Delhi, 2005.
- ❖ Huntington S. P., *The Third Wave: Democratization in the Late Twentieth Century,*
- ❖ Norman, University of Oklahoma Press, 1991.

* L = 1 Hour.

Year 2 : Semester 4

ROAD SAFETY & ROAD RIGHTS

Paper 1 : Semester 4

Subject Code : DFSGSEC04T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

1. Conceptual framework

- i) Introduction .ii) Meaningiii) Conceptiv) Need [20 L]*
- 2.i) Road Safety & National Securityii) Importance of Study of Road Safety[20 L]
- 3. Road Infrastructure & Road Safety i) Quality of Roadii) Use of Techniques & Material for Road building [15 L]
- 4) Inspection System [15 L]
- 5. Road network and its Impact i) Types of Roads ii) Road signs [10 L]
- 6) License System of Vehicles and Motor Vehicles Act and Rules, WB ..Safe Drive –Safe Life [10 L]

Suggested Readings

- ❖ Dealing With Disaster Awareness Preparedness Response of Urban Development,2004
- ❖ The Report of the working group on Road in various five year plans
- ❖ Disaster Management Act-2005-Gazzete of India,2005
- ❖ Sunder Committee Report on Road safety and Traffic Management 2006
- ❖ Accidental Death in India, Ministry of Home Affairs
- ❖ Practical Guide on Road Safety ,International Federation of Red Cross and Red crescent society Geneva-2007
- ❖ Dinesh Mohan, Road Traffic Injuries in India, Indian Institute of Technology, New Delhi 2009

- ❖ P.S. Pasaricho ,Road safety Guide ,Natasha Publication, Mumbai 2006
- ❖ Paler iPrabhakaran, National Security Imperative and Challenges, Tata Mac Graw-Hill New Delhi,2008
- ❖ TheWorld Report on Road Traffic Injury Prevention, WHO and World Bank, Geneva 2004

* L = 1 Hour.

DEFENCE ECONOMICS
Paper 2 : Semester 4
Subject Code : DFSGCOR07T
Total No. of Credits - 06
Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

- Unit-1: Importance and Need of Defence Budget and Expenditure [15 L]*
Unit-2: Peace Time Economy: Pre-war Internal Economic Nature, Planning of Imports
Creation of Foreign Assets, Shipping, Objectives of Foreign Assets [15 L]
Unit-3: War Time Economy : a)Allocation of Natural Resources b) Divisions of Factors of
Production c) Complementary Products d) Price and Financial Policy e) Personnel
[15 L]
Unit-4: Post-War Economy : a) Enormous National Debts b) Damages of Properties c)
Demobilization of Army d) Morale e) De-conversion of Industries f) Equipment of peace
time production [15 L]
Unit-5: Economic Cost of war: a) Meaning of Economic cost of war b) Problems of
Measuring the Real cost of war [15 L]
Unit-6: Defense Spending in India : Growth and a)Development of Defense Expenditure
(Army, Navy, Air Force) b) Present trend of defense expenditure and futuristic approach.
[15 L]

Suggested Readings

- ❖ Ghosh A. K., *India's Defence Budget and Expenditure Management*, Lancer Publishers, 1996.
- ❖ Birla Institute of Research, *Self Reliance and Security*, Radigut Publishers, Delhi, 1984.
- ❖ Ron. Mathevos, *Defence Production in India*.
- ❖ Maurice Clark J., *Reading in the Economics of War*,
- ❖ Subramanyam K., *Our National Security, Eco. & scientific perspective*, ESRF Federation House Delhi, 1972.
- ❖ Thomas Raju, *The Defence of India*, Macmillan co. of India, 1978.
- ❖ Lincoln George A., *Economics of National Security*,
- ❖ Chande M. B. *The Profile of India*,
- ❖ Barnawal S. P., *Military Year Book*, Guide publication, Delhi.
- ❖ DutlaMeena, Sharma, *Defence Economics*, Deep & Deep Publication Delhi, 2005
- ❖ Mishra H. B., *Defence Economics*, Author publications, Delhi 2001
- ❖ Singh Jasjit, *Indias Defence spending*, lancer Delhi 2005
- ❖ Agrawal AN, *Economic Moliilization for National Defence*, Asia Publishing House London,1966.
- ❖ Annual Reports of Ministry of Defence, Government of India. (Every year)

* L = 1 Hour.

MILITARY GEOGRAPHY

Paper 3 : Semester 4

Subject Code : DFSGCOR08T

Total No. of Credits - 06

Full Marks 75

**[Internal Assessment: 25 Marks Semester End Examination: 50
Marks]**

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: Military Geography- a) Meaning, Definition& Scope b) Uses and importance of Military Geography c) Principles of Military Geography [15 L]*

Unit-2: Geographical Factors Affecting War - a) Location b) Climate c) Boundaries d) Topography e) Shape f) Size [20 L]

Unit-3: Impact of Geography on Military Operations - a) Land, Air and Sea. b) Logistics – Concept. c) Principles, Resources and problems in Plain, Desert, Jungle, High Altitudes Area, Wetland, Sea and Air. [20 L]

4. Geopolitics - a) Meaning, Definition and Concept b) Objectives, Nature and Scope c) Importance of Geopolitics (Peace and war time) [20 L]

5. Evolution of Geopolitical Thoughts - a) Mackinder's Heartland Theory b) Admiral A. T. Mahan's Sea-Power Theory c) Dr. Karl Haushofer's Concept d) Guilio Douhet's Concept [15 L]

Suggested Readings

- ❖ Pater Alis and P.G. Estel, *Military Geography*
- ❖ Jusjit Sing, *Air Power*, Lancer international, Delhi 1988.
- ❖ Peder and Percy, *Military Geography*, East west Press Pvt. 1981.
- ❖ Sharma Harivir, *Yuddhake Manavi Avam Bhautiki*, Tatta, Prakash Book Depot, Barreily, 2001
- ❖ Gupta Parashuram, *Sainiky Bhoogol*, Prakash Book Depot, Barreily, 1997
- ❖ DAS S.T., *Studies in Defene Strategy*, Sagar Publication Delhi
- ❖ Modie A E, *Geography behind politics*, B I Publication, Delhi 1965.
- ❖ Bhagwat A. V., *Rajkiya Bhoogol*, Narendra Prakashan, Pune, 1978.
- ❖ Sharma Gautam & Nagar R S., *Indias Northern security*, Reliance Publishing Delhi 1986.
- ❖ Sali M. L., *Military Geography*, Manas Publication Delhi, 2009.
- ❖ Gharpure Vitthal, *Rajkiya Bhoogol*, Pimpalapur & Co. Publishers, Nagpur, 2001
- ❖ Sukhwal, B.L., *India: Political Geography*, Bombay, Allied Publishers, 1971
- ❖ Basu, Major D K, *Defence and Strategic Studies*, Vol.- I, (Indian National Security), E. T. Publication, Berhampore, Murshidabad, (2013)
- ❖ Basu, Major D K, *Defence and Strategic Studies*, Vol.- II, (Art of War & Mechanism of Warfare), E. T. Publication, Berhampore, Murshidabad, (2015)
- ❖ Basu, Major D K, *Defence and Strategic Studies*, Vol.- III, (Military Geography & History), E. T. Publication, Berhampore, Murshidabad, (2014)
- ❖ Basu, Major D K, *The Oriental and Occidental Art of War in Theory and Evidence in Bengali*, E. T. Publication, Berhampore, Murshidabad, (2016)

* L = 1 Hour.

Year 3 : Semester 5

INDIA AND THE MAJOR POWERS

Paper 1A : Semester 5

Subject Code : DFSGGEC01T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit=1: India-USA Strategic Partnership a) History of India-USA relation b) Cold War & India-USA relation c) Post-Cold War India -USA relation d)India-USA Strategic Partnership overview. [15 L]*

Unit-2: India-Russia Strategic Partnership a)History of India-Russia relation b)Cold War & India-Russia relation c) Post-Cold War India -Russia relation d)India-Russia Strategic Partnership overview [20 L]

3. India-Israel Strategic Partnership a)History of India-Israel relation b)India-Israel Defence partnership c)India-Israel Strategic Partnership overview [15 L]

4. India-England Strategic Partnership a)History of India-England relation b)India-England Defense Partnership c)India-England Strategic Partnership overview. [15 L]

5. India-France Strategic Partnership a)History of India-France relation b)India-France Defense Partnership c)India-France Strategic Partnership overview [15 L]

6. India-Japan Strategic Partnership a)History of India-Japan relation b)India- Japan Defence Partnership c)India- Japan Strategic Partnership overview [10 L]

Suggested Readings

- ❖ Hussain, Mohammad Samir, Indo-US Strategic Relations: Prospects and Challenges in the 21st Century(New Delhi: Neha Publishers & Distributors, 2014)
- ❖ Sanjay Kumar, DhirendraDwivedi and Md. Samir Hussain (eds.), India-China Relations: Conflict or Cooperation? (New Delhi: G. B. Books in association with ARIDSS, 2016).
- ❖ Mohammed BadrulAlam (ed.), Contours of India's Foreign Policy: Changes and Challenges (New Delhi: Reference Press, 2014)
- ❖ Singh Rajvirsing,US-Pakistan and Strategic Relations, (Allahabad: Chugh Publication,1985)
- ❖ Swaran Singh, India-US in the age of uncertainty,(New Delhi: Routledge)
- ❖ Bertsch Gary K. Engaging India US Strategic Relation with the world largest democracy, (New Delhi: Tylor &Fransis Group)
- ❖ Kapur Ashok and Malik Y.K. (eds), India & the United States in a changing world ,(New Delhi: Sage Publication,2002)
- ❖ Kumaraswamy P.R. The Maturation of Indo-Israeli Ties,(Middle East Quarterl)
- ❖ P. R. Kumaraswamy, India and Israel: Evolving Strategic Partnership, Volume 1(Begin-Sadat Center for Strategic Studies, Bar-Ilan University, 1998)
- ❖ Asia News AgencyIndia-Israel strategic partnership Asia News Agency, 2003

* L = 1 Hour.

INDIA AND HER NEIGHBOURS

Paper 1B : Semester 5

Subject Code : DFSGGEC01T

Total No. of Credits - 06

Full Marks 75

**[Internal Assessment: 25 Marks Semester End Examination: 50
Marks]**

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: India-China Strategic Partnership a) History of India-China relation b) Cold War & India-China relation c) Post-Cold War India -China relation d) India-China Strategic Partnership overview. [20 L]*

Unit-2: India-Pakistan Strategic Partnership a) History of India-Pakistan relation b) Cold War & India-Pakistan relation c) Post-Cold War India -Pakistan relation d) India-Pakistan Strategic Partnership overview. [15 L]

3. India-Bangladesh Strategic Partnership a) History of India-Bangladesh relation b) India-Bangladesh Defence partnership) India-Bangladesh Strategic Partnership overview. [20 L]

4. India-Sri Lanka Strategic Partnership a) History of India-Sri Lanka relation b) India-Sri Lanka Defence Partnership c) India-Sri Lanka Strategic Partnership overview [15 L]

5. India-Nepal Strategic Partnership a) History of India-Nepal relation b) India-Nepal Defence Partnership c) India-Nepal Strategic Partnership overview [20 L]

Suggested Readings

- ❖ Hussain, Mohammad Samir, Indo-US Strategic Relations: Prospects and Challenges in the 21st Century (New Delhi: Neha Publishers & Distributors, 2014)
- ❖ Sanjay Kumar, Dharendra Dwivedi and Md. Samir Hussain (eds.), India-China Relations: Conflict or Cooperation? (New Delhi: G. B. Books in association with ARIDSS, 2016).
- ❖ Mohammed Badrul Alam (ed.), Contours of India's Foreign Policy: Changes and Challenges (New Delhi: Reference Press, 2014)
- ❖ Singh Rajvir Singh, US-Pakistan and Strategic Relations, (Allahabad: Chugh Publication, 1985)
- ❖ Swaran Singh, India-US in the age of uncertainty, (New Delhi: Routledge)
- ❖ Bertsch Gary K. Engaging India US Strategic Relation with the world largest democracy, (New Delhi: Tylor & Fransis Group)
- ❖ Kapur Ashok and Malik Y.K. (eds), India & the United States in a changing world, (New Delhi: Sage Publication, 2002)
- ❖ Kumaraswamy P.R. The Maturation of Indo-Israeli Ties, (Middle East Quarterl)
- ❖ P. R. Kumaraswamy, India and Israel: Evolving Strategic Partnership, Volume 1 (Begin-Sadat Center for Strategic Studies, Bar-Ilan University, 1998)
- ❖ Asia News Agency India-Israel strategic partnership Asia News Agency, 2003

* L = 1 Hour

INTRODUCTION TO HUMAN RIGHTS

Paper 2 : Semester 5

Subject Code : DFSSEEC03M

Total No. of Credits - 06

Full Marks 75

**[Internal Assessment: 25 Marks Semester End Examination: 50
Marks]**

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

- Unit-1: Human Rights: Society and Development-Human Rights in the World [20 L]*
Unit-2: Human Rights in India : Civil and Political Rights - Human Rights Commissions [20 L]
Unit-3: Violation of Human Rights and Remedies -Violation of Economic, Social and Cultural Rights [20 L]
Unit-4: Rights of the Juveniles and Child Labour & Old People-Protection of Rights to Health [20 L]
Unit-5: Human Rights and the NGO/Civil Society [10 L]

Suggested Readings

INDIA AND THE MAJOR POWERS

Paper 1 : Semester 5

Subject Code : DFSGDSE01T

Total No. of Credits - 06

Full Marks 75

**[Internal Assessment: 25 Marks Semester End Examination: 50
Marks]**

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

- Unit=1: India-USA Strategic Partnership** a) History of India-USA relation b) Cold War & India-USA relation c) Post-Cold War India -USA relation d)India-USA Strategic Partnership overview. [15 L]*
Unit-2: India-Russia Strategic Partnership a)History of India-Russia relation b)Cold War & India-Russia relation c) Post-Cold War India -Russia relation d)India-Russia Strategic Partnership overview [20 L]
3. India-Israel Strategic Partnership a)History of India-Israel relation b)India-Israel Defence partnership c)India-Israel Strategic Partnership overview [15 L]
4. India-England Strategic Partnership a)History of India-England relation b)India-England Defense Partnership c)India-England Strategic Partnership overview. [15 L]
5. India-France Strategic Partnership a)History of India-France relation b)India-France Defense Partnership c)India-France Strategic Partnership overview [15 L]
6. India-Japan Strategic Partnership a)History of India-Japan relation b)India- Japan Defence Partnership c)India- Japan Strategic Partnership overview [10 L]

Suggested Readings

- ❖ Hussain, Mohammad Samir, Indo-US Strategic Relations: Prospects and Challenges in the 21st Century (New Delhi: Neha Publishers & Distributors, 2014)
- ❖ Sanjay Kumar, Dhirendra Dwivedi and Md. Samir Hussain (eds.), India-China Relations: Conflict or Cooperation? (New Delhi: G. B. Books in association with ARIDSS, 2016).
- ❖ Mohammed Badrul Alam (ed.), Contours of India's Foreign Policy: Changes and Challenges (New Delhi: Reference Press, 2014)
- ❖ Singh Rajvir Singh, US-Pakistan and Strategic Relations, (Allahabad: Chugh Publication, 1985)
- ❖ Swaran Singh, India-US in the age of uncertainty, (New Delhi: Routledge)
- ❖ Bertsch Gary K. Engaging India US Strategic Relation with the world largest democracy, (New Delhi: Tylor & Fransis Group)
- ❖ Kapur Ashok and Malik Y.K. (eds), India & the United States in a changing world, (New Delhi: Sage Publication, 2002)
- ❖ Kumaraswamy P.R. The Maturation of Indo-Israeli Ties, (Middle East Quarterl)
- ❖ P. R. Kumaraswamy, India and Israel: Evolving Strategic Partnership, Volume 1 (Begin-Sadat Center for Strategic Studies, Bar-Ilan University, 1998)
- ❖ Asia News Agency India-Israel strategic partnership Asia News Agency, 2003

* L = 1 Hour.

INDIA AND HER NEIGHBOURS

Paper 2 : Semester 5

Subject Code : DFSGDSE02T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: India-China Strategic Partnership a) History of India-China relation b) Cold War & India-China relation c) Post-Cold War India -China relation d) India-China Strategic Partnership overview. [20 L]*

Unit-2: India-Pakistan Strategic Partnership a) History of India-Pakistan relation b) Cold War & India-Pakistan relation c) Post-Cold War India -Pakistan relation d) India-Pakistan Strategic Partnership overview. [15 L]

3. India-Bangladesh Strategic Partnership a) History of India-Bangladesh relation b) India-Bangladesh Defence partnership) India-Bangladesh Strategic Partnership overview. [20 L]

4. India-Sri Lanka Strategic Partnership a) History of India-Sri Lanka relation b) India-Sri Lanka Defence Partnership c) India-Sri Lanka Strategic Partnership overview [15 L]

5. India-Nepal Strategic Partnership a) History of India-Nepal relation b) India-Nepal Defence Partnership c) India-Nepal Strategic Partnership overview [20 L]

Suggested Readings

- ❖ Hussain, Mohammad Samir, Indo-US Strategic Relations: Prospects and Challenges in the 21st Century (New Delhi: Neha Publishers & Distributors, 2014)
- ❖ Sanjay Kumar, Dhirendra Dwivedi and Md. Samir Hussain (eds.), India-China Relations: Conflict or Cooperation? (New Delhi: G. B. Books in association with ARIDSS, 2016).

- ❖ Mohammed BadrulAlam (ed.), *Contours of India's Foreign Policy: Changes and Challenges* (New Delhi: Reference Press, 2014)
- ❖ Singh Rajvirsing, *US-Pakistan and Strategic Relations*, (Allahabad: ChughPublication, 1985)
- ❖ SwaranSingh, *India-US in the age of uncertainty*, (New Delhi: Routledge)
- ❖ Bertsch Gary K. *Engaging India US Strategic Relation with the world largest democracy*, (New Delhi: Tylor&Fransis Group)
- ❖ Kapur Ashok and Malik Y.K. (eds), *India & the United States in a changing world*, (New Delhi: Sage Publication, 2002)
- ❖ Kumaraswamy P.R. *The Maturation of Indo-Israeli Ties*, (Middle East Quarterl)
- ❖ P. R. Kumaraswamy, *India and Israel: Evolving Strategic Partnership, Volume 1* (Begin-Sadat Center for Strategic Studies, Bar-Ilan University, 1998)
- ❖ Asia News Agency *India-Israel strategic partnership* Asia News Agency, 2003

* L = 1 Hour

GLOBAL SECURITY ISSUES

Paper 3 : Semester 5

Subject Code : DFSGDSE03T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

- 1. Global Security** - a) Meaning & Concept of Global Security b) Recent Trends c) Traditional Security & Non Traditional Security. [20 L]*
- 2. Globalization and Security** a) Meaning & Concept b) Impact of Globalization (Social, Political, Economic, Technological, Environmental) [20 L]
- 3. New World Order after Cold war** a) Meaning & Concept b) Causes c) Effects (Social, Political, Economic, Technological, Security) [20 L]
- 4. Economic Regional Organizations and security** a) **ASEAN** - Introduction, aims, objectives, Current Relevance. b) **OPEC** - Introduction, aims, objectives, Current Relevance. c) **EU** - Introduction, aims, objectives, Current Relevance. d) **SAARC**- Introduction, aims, objectives, Current Relevance. e) **BRICS** - Introduction, aims, objectives, Current Relevance. [30 L]
- 5. Problem of World Peace and Security** a) Weapons of Mass Destruction (W M D) b) National Missile Defence (NMD) c) Proliferation of Small Arms. [20 L]

Suggested Readings

- ❖ Balan K *The Millennium Thoughts challenges to service*, Author Press, Delhi 2001.
- ❖ Karn Margaret P. Mingst, *International organization The political & Process of Global Governance*, Viva books pvt. Delhi 2005.
- ❖ Mishra Brijaylaxmi, *United Nations and Security Challenges In New millennium*, Kilaso books, New Delhi 2004.
- ❖ Morgenthau Hans. J., *Politics Among Nations*. Scientific book Agency Culcutta 1963.
- ❖ Allen Robert H, *Enhancing United Nations, Peace Keeping in Chadock* F Alger Ed, *The future of the UN System: Potential for the Twenty First Century*. United Nation University Press Tokyo, 1998.

- ❖ Sing Jasjit, *United Nations Peace Keeping Operation, The challenges of change in ReganMS Ed. UN 50 and beyond*, lancer Books Delhi, 1996.
- ❖ Sing Jasjit, *India Sixth State with Nuclear Weapons*.
- ❖ Shastri M N, *Introduction to Environment*, Himalaya Publishing house, Mumbai 2005.
- ❖ UN Annual Reports (Various Years)
- ❖ Patil V. T., Trivedi P. R., *Migration, Refugees and Security in 21st Century*, Delhi 2005.
- ❖ SinghNaunihal., *India: A Rising Power*, Delhi, Authorspress 2006.

* L = 1 Hour

GLOBAL SECURITY CHALLENGES

Paper 3 : Semester 5

Subject Code : DFSGDSE04T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

- 1. Environmental Security** a) Meaning and Concept b) Pollution- Meaning c) Types and Effect d) Global Warming - Meaning, Definition, Concept e) Water Security - Meaning, Definition, Concept f) Measures taken (Rio and other Conferences) [20 L]*
- 2. Organized Crime** a) Terrorism- Meaning, Concept, Effects, Relevance b) Drug Trafficking- Meaning, Concept, Effects, Relevance c) Money Laundering- Meaning, Concept, Effects, Relevance [20 L]
- 3. Technology and Security** a) Cyber Crime - Meaning, Concept, Types and Effects. b) Transfer of Nuclear Technology and its effects [15 L]
- 4. Global Crises and Security** a) Economic b) Energy c) Ethnic [15 L]
- 5. Human Health and Security** a) Health Security – Epidemic Diseases:- Swine flu, Bird flu, Ebola b) Food Security. [20 L]

Suggested Readings

- ❖ Balan K The Millennium Thoughts challenges to service. Authors Press, Delhi 2001.
- ❖ Karn Margaret P. Mingst, *International organization: The political Process of Global Governance*, Viva Books Pvt.Ltd. Delhi 2005.
- ❖ Mishra Bijaylaxmi, *United Nations and Security Challenges In New Millennium*, Kilasobooks, New Delhi 2004.
- ❖ Morgenthau Hans. J., *Politics Among Nations*. Scientific book Agency Culcutta 1963.
- ❖ Robert H Allen, *Enhancing United Nations, Peace Keeping in Chadock F Alger Ed, The future of the UN System: Potential for the Twenty First Century*. United Nation university Press Tokiyo, 1998.
- ❖ Sing Jasjit, *United Nations Peace Keeping Operation, The challenges of change in ReganMS Ed. UN 50 and beyond*, lancer Books Delhi, 1996.
- ❖ Sing jasjit, *India Sixth State with Nuclear Weapons*.
- ❖ Shastri M N, *Introduction to Environment*, Himalaya Publishing house, Mumbai 2005.
- ❖ Human Development Reports (Various Years).
- ❖ Landmine Monitor Reports.
- ❖ Geneva Small Arms Survey Report.
- ❖ Report of Third UN Conference of The Exploration and Peaceful use of the Outer Space.
- ❖ International Narco Control Report.
- ❖ UN Annual Reports (Various)

❖ Patil V T, Trivedi P R Migration, Refugees and Security in 21st Century, Delhi 2005

* L = 1 Hour

Year 3 : Semester 6

GLOBAL SECURITY ISSUES

Paper 2A : Semester 6

Subject Code : DFSGGEC02T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

- 1. Global Security** - a) Meaning & Concept of Global Security b) Recent Trends c) Traditional Security & Non Traditional Security. [20 L]*
- 2. Globalization and Security** a) Meaning & Concept b) Impact of Globalization (Social, Political, Economic, Technological, Environmental) [20 L]
- 3. New World Order after Cold war** a) Meaning & Concept b) Causes c) Effects (Social, Political, Economic, Technological, Security) [20 L]
- 4. Economic Regional Organizations and security** a) **ASEAN** - Introduction, aims, objectives, Current Relevance. b) **OPEC** - Introduction, aims, objectives, Current Relevance. c) **EU** - Introduction, aims, objectives, Current Relevance. d) **SAARC** - Introduction, aims, objectives, Current Relevance. e) **BRICS** - Introduction, aims, objectives, Current Relevance. [30 L]
- 5. Problem of World Peace and Security** a) Weapons of Mass Destruction (W M D) b) National Missile Defence (NMD) c) Proliferation of Small Arms. [20 L]

Suggested Readings

- ❖ Balan K *The Millennium Thoughts challenges to service*, Author Press, Delhi 2001.
- ❖ Karn Margaret P. Mingst, *International organization The political & Process of Global Governance*, Viva books pvt. Delhi 2005.
- ❖ Mishra Brijaylaxmi, *United Nations and Security Challenges In New millennium*, Kilaso books, New Delhi 2004.
- ❖ Morgenthau Hans. J., *Politics Among Nations*. Scientific book Agency Culcutta 1963.
- ❖ Allen Robert H, *Enhancing United Nations, Peace Keeping in Chadock F Alger Ed, The future of the UN System: Potential for the Twenty First Century*. United Nation University Press Tokyo, 1998.
- ❖ Sing Jasjit, *United Nations Peace Keeping Operation, The challenges of change in Regan MS Ed. UN 50 and beyond*, lancer Books Delhi, 1996.
- ❖ Sing Jasjit, *India Sixth State with Nuclear Weapons*.
- ❖ Shastri M N, *Introduction to Environment*, Himalaya Publishing house, Mumbai 2005.
- ❖ UN Annual Reports (Various Years)
- ❖ Patil V. T., Trivedi P. R., *Migration, Refugees and Security in 21st Century*, Delhi 2005.
- ❖ Singh Naunihal., *India: A Rising Power*, Delhi, Authorspress 2006.

* L = 1 Hour

GLOBAL SECURITY CHALLENGES

Paper 2B : Semester 6
Subject Code : DFSGGEC02T
Total No. of Credits - 06
Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

- 1. Environmental Security** a) Meaning and Concept b) Pollution- Meaning c) Types and Effect d) Global Warming - Meaning, Definition, Concept e) Water Security - Meaning, Definition, Concept f) Measures taken (Rio and other Conferences) [20 L]*
- 2. Organized Crime** a) Terrorism- Meaning, Concept, Effects, Relevance b) Drug Trafficking- Meaning, Concept, Effects, Relevance c) Money Laundering- Meaning, Concept, Effects, Relevance [20 L]
- 3. Technology and Security** a) Cyber Crime - Meaning, Concept, Types and Effects. b) Transfer of Nuclear Technology and its effects [15 L]
- 4. Global Crises and Security** a) Economic b) Energy c) Ethnic [15 L]
- 5. Human Health and Security** a) Health Security – Epidemic Diseases:- Swine flu, Bird flu, Ebola b) Food Security. [20 L]

Suggested Readings

- ❖ Balan K The Millennium Thoughts challenges to service. Authors Press, Delhi 2001.
- ❖ Karn Margaret P. Mingst, International organization: The political Process of Global Governance, Viva Books Pvt.Ltd. Delhi 2005.
- ❖ Mishra Bijaylaxmi, United Nations and Security Challenges In New Millennium, Kilasobooks, New Delhi 2004.
- ❖ Morgenthau Hans. J., Politics Among Nations. Scientific book Agency Culcutta 1963.
- ❖ Robert H Allen, Enhancing United Nations, Peace Keeping in Chadock F Alger Ed, The future of the UN System: Potential for the Twenty First Century. United Nation university Press Tokiyo, 1998.
- ❖ Sing Jasjit, United Nations Peace Keeping Operation, The challenges of change in ReganMS Ed. UN 50 and beyond, lancer Books Delhi, 1996.
- ❖ Sing jasjit, India Sixth State with Nuclear Weapons.
- ❖ Shastri M N, Introduction to Environment, Himalaya Publishing house, Mumbai 2005.
- ❖ Human Development Reports (Various Years).
- ❖ Landmine Monitor Reports.
- ❖ Geneva Small Arms Survey Report.
- ❖ Report of Third UN Conference of The Exploration and Peaceful use of the Outer Space.
- ❖ International Narco Control Report.
- ❖ UN Annual Reports (Various)
- ❖ Patil V T, Trivedi P R Migration, Refugees and Security in 21st Century, Delhi 2005

* L = 1 Hour

DISASTER MANAGEMENT

Paper 2 : Semester 6
Subject Code : DFSSEEC04M
Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1. Concept	[10 L]*
Unit-2. Types of Disaster	[20 L]
Unit-3. Disaster Preparedness (Community Based Disaster Preparedness)	[20 L]
Unit-4. Disaster Management – Technical, Social and Economic Issues	[20 L]
Unit-5. Sustainable Development	[20 L]

Suggested Readings

- ❖ Balan K The Millennium Thoughts challenges to service. Authors Press, Delhi 2001.
- ❖ Karn Margaret P. Mingst, International organization: The political Process of Global Governance, Viva Books Pvt.Ltd. Delhi 2005.
- ❖ Mishra Bijaylaxmi, United Nations and Security Challenges In New Millennium, Kilasobooks, New Delhi 2004.
- ❖ Morgenthau Hans. J., Politics Among Nations. Scientific book Agency Calcutta 1963.
- ❖ Robert H Allen, Enhancing United Nations, Peace Keeping in Chadock F Alger Ed, The future of the UN System: Potential for the Twenty First Century. United Nation university Press Tokiyo, 1998.
- ❖ Sing Jasjit, United Nations Peace Keeping Operation, The challenges of change in ReganMS Ed. UN 50 and beyond, lancer Books Delhi, 1996.
- ❖ Sing jasjit, India Sixth State with Nuclear Weapons.
- ❖ Shastri M N, Introduction to Environment, Himalaya Publishing house, Mumbai 2005.
- ❖ Human Development Reports (Various Years).
- ❖ Landmine Monitor Reports.
- ❖ Geneva Small Arms Survey Report.
- ❖ Report of Third UN Conference of The Exploration and Peaceful use of the Outer Space.
- ❖ International Narco Control Report.
- ❖ UN Annual Reports (Various)
- ❖ Patil V T, Trivedi P R Migration, Refugees and Security in 21st Century, Delhi 2005

* L = 1 Hour

INDUSTRIAL SECURITY

Paper 3 : Semester 6

Subject Code : DFSGDSE05T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

- 1. Industrial security** – a) Meaning b) Concept c) History d) Objective e) Importance f) Scope. [20 L]*
- 2. Security Laws-** a) Indian Penal Code, b) Fundamental Rights, c) CrPC. d) WB Police Act e) GD and FIR f) Evidence, Court Procedure [10 L]
- 3. Security planning and Implementation** – Basic principles, danger , remedy, Perimeter wall, Security lighting. [15 L]

4. **Role of security** - Main gate, Reception room, search room, Vehicle gate, Search gate, Control room. [15 L]
5. **Fire preventive Measures** - Meaning, Classification, Causes, Fire preventive equipment and measures, Early warning system. [10 L]
6. **Security organization** - Chief security officer, Assistance security officer, Inspector of security. [5 L]
7. Domestic security and organisational security [5 L]
8. **First aids** - Meaning and concept, Importance, various types, first aid box [10 L]

Suggested Readings

- ❖ Trilok Nath, *National security*, B.R. Publishing corporation, 1986,
- ❖ Wadekar Bal, *Industrial security*, Priyada Prakashan, Pune, 1987,
- ❖ Leo G. Savels, *Electronic Security system*.
- ❖ Oliver Eric., Wilson John, *Practical security*.
- ❖ Bays R.K., *Police code and practice*
- ❖ Annual Reports of Ministry of Home, Government of India. (every year)
- ❖ www.cisf.gov.in

* L = 1 Hour

DEFENSE ORGANISATIONS IN INDIA

Paper 3 : Semester 6

Subject Code : DFSGDSE06T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: a) Military Organisation and Principles of Administration. b) Reconstitution of Indian Armed forces after 1947.- c) Reconstitution of Army, Air force, and Navy. [20 L]*

Unit-2: Infantry - Characteristics, Infantry Division & Battalion Organisation. [20 L]

Unit-3: Armed Corps & Artillery. [5 L]

Unit-4: Engineering & Signals [5 L]

Unit-5: Higher Defence Organisations of India – i) Powers of President in relation to Armed forces ii) Parliaments and Armed forces. iii) Defence Committee of the Cabinet/ Political Affairs Committee. iv) National Security Council. [15 L]

Unit-6: Logistic Services – (ASC, AOC, AMC, EME) [10 L]

Unit-7: Intelligence Organisations of India – i) Intelligence Bureau. (I. B.) ii) Research & Analyses Wing. (RAW) iii) Military Intelligence. iv) DRDO [10 L]

Unit-8 Para-Military Organizations- Civil Defence, Territorial Army, NCC, Home Guard [5 L]

Suggested Readings

- ❖ A.L. Venkateswaran, Defence Organisation of India.
- ❖ Singh Rajendra, Organisation & Administration in Indian Army.
- ❖ K. Subrahmanyam, Security in Challenging World.
- ❖ Singh Nagendra. Defence Mechanism of Modern State.

- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- I, (Indian National Security), E. T. Publication, Berhampore, Murshidabad, (2013)
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- II, (Art of War & Mechanism of Warfare), E. T. Publication, Berhampore, Murshidabad, (2015)
- ❖ Basu, Major D K, Defence and Strategic Studies, Vol.- III, (Military Geography & History), E. T. Publication, Berhampore, Murshidabad, (2014)
- ❖ Basu, Major D K, The Oriental and Occidental Art of War in Theory and Evidence in Bengali, E. T. Publication, Berhampore, Murshidabad, (2016)
- ❖ Basu, Major D K, Bishoy: Drohoman O Santrasbad in Bengali, E. T. Publication, Berhampore, Murshidabad, (2017)
- ❖ Basu, D K, & Basu, M, Women Empowerment Through Self-Help Groups for Transforming Society: A Micro Study on Murshidabad District, E. T. Publication, Berhampore, Murshidabad, (2013)

* L = 1 Hour

CONTEMPORARY WAR AND PEACE

Paper 3 : Semester 6

Subject Code : DFSGDSE07T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

- 1. Collective Security** a) Meaning and definitions b) Foundation of collective security c) Collective security and collective Defence d) Evaluation [20 L]*
- 2. Non-Alignment** a) Meaning b) Development c) India's role for Non-alignment d) Evaluation [20 L]
- 3. Disarmament and arms control** a) Meaning & Definition, Nature b) Types c) Disarmament in Nuclear Race d) Evaluation [20 L]
- 4. Science, Technology and National Power** a) Introduction b) Atomic & Nuclear Technology c) Use of Nuclear Technology d) Misuse of Nuclear Technology e) Nuclear power for civil use [15 L]
- 5. Peace Research** a) Meaning b) Concept c) Trends of peace-Research [15 L]

Suggested Readings

- ❖ Calvo-coressi peter, *World Politics since 1945*, London, Longman, 2000.
- ❖ Halperin Morton, *Contemporary Military Strategy*, Faber & Faber; Revised edition (December 1970)
- ❖ Clark Maurice, *Reading in the economics of War*, University of California Libraries, 1918
- ❖ Palmer & Parkins, *International Relation*, Calcutta, Scientific Book Agency – 1970.
- ❖ Brodie B., *Strategy in the missile Age*, RAND Corporation, 2007
- ❖ Singh Lallanji, *Rashtriya Raksha aur Suraksha*, Prakash book depot, Bareilly, 2003.
- ❖ Sing Ashok Kumar, *Rashtriya Suraksha*, Prakash book depot, Bareilly, 2006
- ❖ Singh Lallanji, *Strategic Adhyayan*, Prakash book depot, Bareilly, 2006
- ❖ Rattu Krushna Kumar, *Bhartiy Parmanuparikshan aur Nirstrikaran*, Pointer Publisher, Jaipur, 1998
- ❖ Sing Ashok Kumar, *Adhunik Strategic Vichardhara*, Prakash book depot, Bareilly, 2006
- ❖ Raipurkar V. R., *Anterrashtriya Sambandh*, Shri Mangesh Prakashan, Nagpur, (VIIth Ed.) 2006
- ❖ Morgenthau Hence, *Politics Among Nations*, McGraw-Hill Higher Education; 7 edition 2005
- ❖ Panikar K.M., *Geographical factors in Indian History*, Bharatiya Vidya Bhavan, 1969
- ❖ Parmer and Parkins, *International Relations*, AITBS Pub and Distributers New Delhi, 2005.

- ❖ Huntington S. P., *The Third Wave: Democratization in the Late Twentieth Century*,
- ❖ Norman, University of Oklahoma Press, 1991.

* L = 1 Hour

DEFENCE PRODUCTION IN INDIA

Paper 3 : Semester 6

Subject Code : DFSGDSE08T

Total No. of Credits - 06

Full Marks 75

**[Internal Assessment: 25 Marks Semester End Examination: 50
Marks]**

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

- 1) Defence Production and Organization in India [20 L]***
a) Department of Defence Production in the Ministry of Defence (Structure and Functions)
b) Industrial potential of Expansion of Military Strength
c) Defence Production Organization (Main)
- 2. Defence Production Industries in India [20 L]**
a) Defence Public sector Undertakings (DPSU)
b) Private Sector and small scale Industries (Link with Logistics), Interaction with Industry.
- 3. Defence Research and Development Organization (DRDO) [20 L]**
a) Structure b) Development c) Role
- 4. Arms and Ammunition Production and Ordnance Factories [10 L]**
a) Small Arms b) Artillery c) Tanks and Combatant Vehicles d) Ammunitions
- 5. Engineering and Electronic Equipment Production in India [10 L]**
- 6. Technology in India [10 L]**
a) Missiles Technology b) Nuclear Establishments c) Space Technology and Development
Defence Public sector Undertakings (DPSU)

Suggested Readings

- ❖ Ghosh A. K., *India's Defence Budget and Expenditure Management*, Lancer Publishers, 1996.
- ❖ Birla Institute of Research, *Self Reliance and Security*, Radigut Publishers, Delhi, 1984.
- ❖ Ron. Mathevos, *Defence Production in India*,
- ❖ Clark J., *Reading in the Economics of War*, Maurice.
- ❖ Subramanyam K., *Our National Security, Eco. & scientific perspective* ESRF Federation House Delhi, 1972.
- ❖ Thomas Raju, *The Defence of India*, Macmillan co. of India, 1978.
- ❖ Lincoln George A. *Economics of National Security*.
- ❖ Barnawal S. P., *Military Year Book*, Guide publication, Delhi. (every year)
- ❖ Sharma Meena, *Defence Economics*, Deep & Deep Publication, Delhi, 2005
- ❖ Mishra H. B., *Defence Economics*, Author publications, Delhi 2001
- ❖ Singh Jasjit, *Indias Defence spending*, lancer Delhi 2005
- ❖ Agrawal AN, *Economic Mobilization for National Defence*, Asia Publishing House London, 1966
- ❖ Annual Reports, Ministry of Defence, G.O.I., New Delhi. (Every Year)

* L = 1 Hour
