

॥ अंतरी पेटवू ज्ञानज्योत ॥



North Maharashtra University, Jalgaon

Syllabus For

M.A. (Part-II)

❖ **DEFENCE & STRATEGIC STUDIES** ❖

Semester Pattern

Semester – III & IV (60+40=100)

(w. e. f. June, 2015)

Defence & Strategic Studies
M.A. Part – II
Semester - III

(60+40=100)

Compulsory Papers

- DEF - 231: National Security of India-I
DEF - 232: Challenges to Peace and Security of UN-I
DEF - 233: India's Wars with Pakistan & China - I

Optional Papers (Any one)

- DEF- 234: Rise and Development of Indian Armed Forces during British Period.-I
DEF - 235: Defence Organization of India-I
DEF - 236: Role of Military and Civil Society in Disaster-I

Semester – IV

Compulsory Papers

- DEF - 241: National Security of India-II
DEF - 242: Challenges to Peace and Security of UN-II
DEF - 243: India's wars with Pakistan & China - II

Optional Papers (Any one)

- DEF-244: Rise and Development of Indian Armed Forces during British Period.-II
DEF - 245: Defence Organization of India-II
DEF - 246: Role of Military and Civil Society in Disaster-II

Members of the Syllabus Committee

- 1) **Dr. V. Y. Jadhav** (G.T.Patil College, Nandurbar) Chairman (BOS)
- 2) **Dr. K. B. Patil** (H.R.Patel Arts Mahila College, Shirpur)
Chairman (Sub Committee)
- 3) **Dr. Vijay Khare** (Sawitribai Phule, Pune University, Poona) Member
- 4) **Prof. Y. B. Nikumbh** (Z. B. Patil College, Dhule) Member
- 5) **Dr. G. H. Nikumbh** (Pratap College, Amalaner) Member
- 6) **Dr. K. D. Dharmadhikari** (S.P.D.M College, Shirpur) Member
- 7) **Dr. R. S. Pawar** (R.C.Patel College, Shirpur) Member

Defence & Strategic Studies
DEF – 231: National Security of India - I
Semester – III

(60+40=100)

	Period
1. National Security	10
a) Key Concept of Security	
b) Evolution of Concept of National Security	
c) Recent trends of National security	
d) Objectives and core values of National Interest and National Security.	
2. National Security of India	10
a) Introduction	
b) Historical Development	
c) Values of India's National Security	
3. National Power of India	10
a) Meaning & Definition	
b) Elements	
c) Evolution	
4. Challenges to National Security	10
a) Economical (Before & After Recession)	
b) Technological (Space, Nuclear, Information)	
c) Military (Missile, Aircrafts & Nuclear Delivery System)	
5. Security Problems in India	10
a) Food Security	
b) Water Security	
c) Disaster & Environment	

References :-

- 1) Raghwan V. R., Comprehensive Security of South Asia, Seminar proceeding, Delhi policy Group, Delhi, 2001.
- 2) K. V Krishna Rao, Prepare and perish. Lancer publishers, Delhi, 1991.
- 3) Blaun K. The Millenium Thoughts Challenges to Service, Authors press, Delhi, 2001.

- 4) Singh Jasjeet, India Sixth State with Nuclear Weapons,Asian Strategic Review 1997-98, IDSA, Delhi,1998.
- 5) Geneva Small Arms Survey Report.
- 6) International Narco Control Report.
- 7) Patil V. T. Trivedi P R Migration, Refugees And security in 21ST Century, Authors Press,2001.
- 8) Dr. V. Y. Jadhav, Patil H S , Jagtik Surksha, Prashant Publishers, Jalgaon,2010.

DEFENCE & STRATEGIC STUDIES

M.A. – II

(60+40=100)

DEF- 232: Challenges to Peace and Security of UN - I

Semester – III

Objectives:- Special focus on UN structure, Role on various issues, it's impact on security and challenges to peace and security at the End of cold war to till date

	Periods
1. United Nation's	10
a) Introduction	
b) Origin	
c) Charter of the UN.	
d) Main organs and their role	
2. Role of UN world peace before End of Cold War	12
a) Introduction	
b) Peace Keeping operations.	
c) Arms Control & Disarmament,	
d) Land mines	
e) Proliferation of small Arms.	
3. New World Order and Security	08
4. World peace and Human Development :	10
a) Concept of Human Development	
b) Sources of Human Development	
c) Civil Right movement	
d) Human Development – Impact on Society and Security	
5. Challenge of Social Security	10
a) Concept of social security	
b) Human Rights -Meaning and concept	
c) Human rights of women and children	
d) Human Rights of Civilian During wartime.	
e) Humanitarian intervention	
f) Migration and Refugees- It's impact on Society and Security.	

References:-

- 1) Karn Margaret, P.Karn A. Mingst, International Organization, The Political and Process of Global Governance, Viva Books Pvt. Delhi, 2005.
- 2) Balan K, The Millennium Thought, Challenges to Service, Author Press, Dehli, 2001.
- 3) Morgenthau Hans, Politics Among Nations, 3rd Edn. Scientific Books Agency, Calcutta, 1966.
- 4) Robert H Allen, Enhancing United Nations, Peace keeping in Chadock, I Algen, Ed The Future of UN System; Potential for 21st Century, United Nations University Press, Tokyo, 1998.
- 5) UN Press Conference on Small Arms. www.un.org/news
- 6) UNICEF Report, The Status of Children 2000-2006.
- 7) United Nations, Blue Book Series (various volumes)
- 8) A Review of UN Peace Making – Blue Hel Mate (various years)
- 9) UNDP Reports (various years)
- 10) SIPRY year book
- 11) Dr. V.Y.Jadhav : Bhartachi Rashtriya Surakasha, Snehvardhan Prakashan, Pune, 2011.
- 12) Dr. V.Y.Jadhav, H.S.Patil : Global Security, Prashant Publication, Jalgaon, 2009.
- 13) Major General Vinod Sehagal : Aantarastriya Aatankavad : Prabhat Prakashan, Delhi. 2000
- 14) M.N. Udaganakar: Ekvisavya Shtakatil Dahastavad, Diamond Publications, Pune, 2007.

Defence and Strategic Studies
MA – II

(60+40=100)

DEF–233 -India’s Wars with Pakistan and China – I
Semester – III

		Periods
1.	Indo-Pakistan War 1947	10
	a) Background	
	b) Geographical Situation of Jammu and Kashmir.	
	c) Operation Gulmarg	
	d) Attack on Domel	
2.	Operation Vijay: Counter Attack of Jhanger	10
	a) Operation Gulal	
	b) Use of Armour	
	c) Intervention of U.N.O.	
	d) Military lessons from the War (1947)	
3.	Indo-Pak War of 1965	10
	a) Background	
	b) Causes	
	c) Comparative Military Strength	
	d) Operation on Kachha	
4.	Operation Gibraltar in Indo-Pak War of 1965	12
	a) Operation Bakshi	
	b) Operation Grand Slam	
	c) Battle as Asal Uttar	
	d) Battle of Chhamb	
5.	Role Airforce and Navy in Indo-Pak War of of 1965	08
	a) Air operations	
	b) Naval operations	
	c) Military lessons from the War (1965)	

References :-

- 1) Operations in Jammu and Kashmir 1947-48 Ministry of Defence Govt. of India, Thomson Press Ltd., New Delhi.1985.
- 2) K.C. Praval, The Indian Army after Independence , Lancer International, Dehli, 1990.
- 3) Sing Satinder. A Strategy for IndianDefence, Lancer Publication, Dehli, 1986.
- 4) Ram Gopal, India-Pakistan War & Peace, Pustak Kendra Laknow, 1965.
- 5) Sing Jasjit, Kargil 1999, Pakisatan's fourth War for Kashmir, Knowledge World, Dehli, 1999.
- 6) D.K.Palit The lightening Campaign the Indo-Pak War 1971, Anmol Publication, Dehli, 1972.
- 7) Ravi Nanda, A Wake up call, Lancer Books, Dehli, 1999.
- 8) K Subrhamnyam, Kargil Review Report, Lancer Publication, Dehli, 2000.
- 9) J.N.Dixit,India Pakistan in War & Peace, India Tday Group, New Dehli, 2002.
- 10) Dalvi J. P., Himalayan Blunder, Thacker & Co. Ltd., Bombay, 1969.
- 11) Surana Pannalal, Kargil ani Bhartachi Shaurakshan Sidhhata

Defence and Strategic Studies
MA – II

(60+40=100)

DEF–234- Rise and Development of Indian Armed Forces during British Period.- I

Semester – III		Periods
1. A brief history of Indian Army from 1748 to 1857		13
a) The protection of English factories of Surat, Bombay, Madras and Calcutta. Raising local guards by East India Company.		
b) The French idea of raising local force for territorial expansion First Indian Battalion by Major Stringer Lawrence in 1748. The European Methods of organization, training and financing of local forces of distinguish from the traditional Indian system. British troops and Indian troops		
2. Raising of the Bengal Army 1760.		12
Indian classes originally recruitment, The rise of Madras Army 1761-65, The rise of Bombay Army 1768, The British and Indian components of the army in India.		
3. The General System of the Presidential Army - 1770 to 1818.		13
a) The methods of Command & Control. Regimental organization. Weapons and equipment pay and allowness.		
b) The steady growth of the Presidency Armies between 1818 to 1857. The introduction of new rifle. The rise of Punjab Army 1850 to 1857. The protection of British troops and Indian troops. Major events before the revolt of 1857.		
4. Development of Indian Army from 1857 to 1914.		12
a) A brief account of the Bengal, Punjab, Madras and Bombay Armies in the first war of Independence 1857 (The Armed Revolt of 1857)		
b) The consequences of revolt of 1857 on the army. New proportion of British to Indian troops. New recruitment policy. The distinction of material and non-material classes.		
c) The Army Reorganization Committee 1888. Recommendation of Eden Commission. The Reorganization of the Army in India Abolition of the Presidency. Armies 1864 the birth of the Indian Army. The new system of		

Regiments.

- d) Security of the North East Frontiers employment of Indian troops overseas.
Davidson Committee on Army Organization 1912. Size of the Army.
Cavalry and Artillery elements (Reforms of Kitchner)

References :-

- 1) Maj. Gen. Chand N. Das (Retd) – Traditions and customs of the Indian Armed Forces – Vision Books, 36-C, Connaught Place, Delhi, 1990.
- 2) Longer V. Red Coat to Olive Green, Allied Publications, Bombay.1986.
- 3) Lt.Col. M.G.Abhyankar – The Last Man and The Last Round. Pune, 1970
- 4) Stephen Cohen, The Indian Army, University of California Press, Bombay, 1971.
- 5) Mao Mun GF “The Armies of India” – Adam and Charis Black London, 1977.
- 6) Lt.Col. M.G.Abhyankar – Bhartiya Shashtra senaugam ani vikas, Pune, 1976.
- 7) Chopra P N , A Comprehensive history & Modern India, Sterling Publication Pvt, Dehli, 2003

Defence and Strategic Studies
M.A. – II (60+40=100)
DEF-235- Defence Organization of India - I
Semester - III

		Periods
1.	Principles of Defence Military organization and Administration	10
	a) Principles of Defence organization	
	i) Objective ii) Co-operation iii) Flexibility	
	iv) Balance v) Economy vi) Accuracy	
	vii) De-centralization viii) Unity of Efforts.	
	b) Principles of Defence Administration	
	i) Foresight ii) Flexibility iii) Economy	
	iv) Simplicity v) Co-operation	
2.	Reconstruction of Indian Armed forces After 1947	10
	a) Reconstruction of Army	
	b) Reconstruction of Navy	
	c) Reconstruction of Air-force	
3.	Higher Defence organization	10
	a) President of India –Power of President in relation to Armed forces	
	b) Parliament and Armed forces.	
	c) Defence committee of the Cabinet/political affair committee of the cabinet composition–role and evaluation	
	d) Ministry of Defence –Organization, Components and Functions.	
	e) National Defence Council-Composition, role and appraisal	
4.	Organization of Indian Armed Forces	10
	a) Chief of the Staff Committee - Composition, role and appraisal.	
	b) Head Quarters - Army, Navy and Air-Force Officers and their duties and Functions	
	c) Commands –Army Navy and Air-Force	
5)	India’s Intelligence Organization	10
	a) Introduction, Meaning and Principles of Intelligence	
	b) Devices for Collecting Intelligence	
	c) Role of IB, RAW, Military Intelligence	

References :-

- 1) A. L. Venkateswaran, Defence Origination of India, India Publishing Div.Delhi, 1967.
- 2) Abhyaankar M.G.Defence Principles and Organization ,Usha Publication, Pune, 1972.
- 3) Mishra H.B., Defence Management of India , Author Press,Delhi,2000.
- 4) Singh Narendra ,Defence Mechanism of Modern State, Inaia Publishing Div., Delhi, 1970.
- 5) Ministry of Defence , Annual Reports (Various Years)
- 6) Chuadhari A. P. and Jadhav V. Y., Indian Military Organization, Nirali Prakashan, 1996.
- 7) Shriwastaw J. M., Aadhunik rajya Ka Raksha tantra,Prakash Book Deopot, Bareli, 1993.
- 8) Shrotrya, The Army in India & Evolution, Anmol Prakasdhan, Dehli, 1985.
- 9) Rao P V R, Defence Without Drift, p[opular Prakashan, Bombay, 1970

Defence and Strategic Studies

M.A. – II

(60+40=100)

DEF-236- Role of Military and Civil Society in Disaster- I

Semester – III

Periods

- | | | |
|-----------|--|-----------|
| 1. | War and Disaster Management | 10 |
| | a) Introduction | |
| | b) Historical Development | |
| | c) Various types of Disaster | |
| 2. | War and Disaster | 10 |
| | a) Land Warfare and Disaster | |
| | b) Air Warfare and Disaster | |
| | c) Naval Warfare and Disaster | |
| 3. | WMD (Weapons of Mass Destruction) and Security Management | 10 |
| | a) Global Trend | |
| | b) WMD Terrorism | |
| | c) Indian Scene | |
| 4. | Management of Nuclear & Radiological Disaster | 10 |
| | a) Nuclear Capacity of Terrorism | |
| | b) Effects of Nuclear Explosion | |
| | c) Preparation for Nuclear Disaster | |
| | d) Duties & Task of Various Agencies | |
| 5. | Management of Chemical Disaster | 10 |
| | a) Disaster in Chemical war | |
| | b) Characteristics of Chemical Agents | |
| | c) Action by Industries | |
| | d) Process of Mitigation of Chemical Disaster | |

References :-

- 1) Kar. H.K. (Brig), Silent Warfare, Mamas Publication, New Delhi., 2005.
- 2) Singh Sarthak, Disaster Management, Oxford Book Co., New Delhi 2010.
- 3) Khoshoo T.N. Environment Concern and Strategies, Ashish Publication, Delhi, 2005.
- 4) Agrawal S.K. Environment Issues and Thems. APH Publishing Corporate Delhi, 1984.

- 5) Trivedi P.R. Gurudeep Raj Encyclopedia of Environmental Science. Akashadeep Publishing house, Delhi, 1992.
- 6) Maharashtra Bhoogol Sanshodan patrika, Vol 11 July- Dec 1999.
- 7) Sali M. L. Military Geogrphy, Manas Publication, Delhi, 2009.
- 8) Jaiswal Vinod Kumar, Cyber Crime & Cyber Terrorism RVS Book, New Delhi, 2010.
- 9) Nilima, Antarrastriya Munch ner Bharal Discovery Publication, Delhi 2010.

Defence and Strategic Studies
M.A.-II (60+40=100)
DEF-241- National Security of India - II
Semester - IV

		Periods
1.	Treats to National Security	12
	a) Ethnic	
	b) Linguistic	
	c) Insurgency in India	
	d) Terrorism.	
	e) Naxalism	
2.	Organizational structure of National Security of India	12
	a) National Security Planning- Financial , Political, Scientific and Technological, Military.	
	b) Higher Defence organization of India	
	c) National Security Council	
	d) Para Military Force and Civil Defence	
3.	Treats to India's Internal Security	10
	a) Economical (Center State Relations, Corruptions, Imbalance of Development)	
	b) Socio cultural (Communalism, Regionalism, Poverty, Gender)	
4.	India and its neighbors (Security Problems after 1990)	08
5.	India and Emergence world.	08

References :-

- 1) Raghwan V. R., Comprehensive Security of South Asia, Seminar proceeding, Delhi policy Group, Delhi, 2001.
- 2) K. V Krishna Rao, Prepare and perish. Lancer publishers, Delhi, 1991.
- 3) Blaun K. The Millennium Thoughts Challenges to Service, Authors press, Delhi, 2001.
- 4) Singh Jasjeet, India Sixth State with Nuclear Weapons, Asian Strategic Review 1997-98, IDSA, Delhi, 1998.
- 5) Patil V T Trivedi P R Migration, Refugees & security in 21ST Century, Authors Press, 2001.
- 6) Dr. V. Y. Jadhav, Patil H S , Jagtik Surksha, Prashant Publishers, Jalgaon, 2010

DEFENCE & STRATEGIC STUDIES

MA – II

(60+40=100)

DEF- 242: Challenges to Peace and Security of UN- II

Objectives:- Special focus on UN structure, Role on various issues, it's impact on security and challenges to peace and security at the End of cold war to till date

Semester - IV		Periods
1. Energy crisis, oil Diplomacy in International world		10
a) Introduction		
b) Energy crisis		
c) Oil Diplomacy		
d) Impact on Society and Security		
2. Challenges of Health security		10
a) Introduction		
b) Concept of Health Security		
c) Various types of Disease		
d) Major Disease :- 1) CANCER 2) HIV / AIDS 3) Hepatitis – B		
e) Impact on Society and Security		
3. Challenges of organized Crime		10
a) Introduction		
b) Meaning and concept		
c) Various Types of Crime- (Terrorism, Money Laundering, Drug Trafficking, Cyber Crime etc.) .		
4.Challenges of Environmental security		10
a) Meaning and Concept		
b) Environmental pollution & its Effects		
c) Environmental Diplomacy		
5. Other Challenges		10
a) Challenges regarding Space Technology		
b) Globalization		
c) Human Development & Economic Issues		

References :-

- 1) Karn Margaret, P.Karn A. Mingst, International Organization, The Political and Process of Global Governance, Viva Books Pvt. Delhi, 2005.
- 2) Balan K, The Millennium Thought, Challenges to Service, Author Press, Dehli, 2001.
- 3) Morgenthau Hans, Politics Among Nations, 3rd Edn. Scientific Books Agency, Calcutta, 1966.
- 4) Robert H Allen, Enhancing United Nations, Peace keeping in Chadock, I Algen, Ed –The Future of UN System; Potential for 21st Century, United Nations University Press, Tokyo, 1998.
- 5) UN Press Conference on Small Arms. www.un.org/news
- 6) UNICEF Report, The Status of Children 2000-2006.
- 7) United Nations, Blue Book Series (various volumes)
- 8) A Review of UN Peace Making – Blue Hel Mate (various years)
- 9) UNDP Reports (various years)
- 10) SIPRY year book
- 11) Dr. V.Y. Jadhav : Bhartachi Rashtriya Surakasha, Snehvardhan Prakashan, Pune, 2011.
- 12) Dr. V.Y. Jadhav, H.S. Patil : Global Security, Prashant Publication, Jalgaon, 2009.
- 13) Major General Vinod Sehagal : Aantarastriya Aatankavad : Prabhat Prakashan, Delhi. 2000
- 14) M.N. Udaganakar: Ekvisavya Shtakatil Dahastavad, Diamond Publications, Pune, 2007.

Defence and Strategic Studies
M.A.-II (60+40=100)
DEF-243- India's Wars with Pakistan and China - II
Semester - IV

		Periods
1.	Indo-Park War of 1971 a) Background b) Causes c) i) Grand Strategy and Strategy of India and Pakistan ii) Tactics of the battle of Khulna. Chitgaon, Dhaka, Battle of Khemkaran iii) Role of Navy and Airforce iv) Effects and Consequences	10
2.	Indo-Pak Conflict and 1999 (Kargil) a) Geographical Location b) Background and Causes c) Operation Vijay – Batalik Sector d) Operation Safed Sagar	10
3.	Operation Vijay : Drass Mushok Sector a) Role of Engineers and Signals in Kargil War b) Role of Air force c) Role of Navy d) Aftermath – i) India ii) Pakistan	10
4.	Indo-China War of 1962 a) Background and causes b) Comparative Military Strength c) Actual Conflict d) Operation of NEFA e) Operation of Laddakh f) Military Lessons from the war	10
5.	Futuristic approach of India with her neighbors a) Pakistan b) China	10

References :-

- 1) Operations in Jammu and Kashmir 1947-48 Ministry of Defence Govt. of India, Thomson Press Ltd., New Delhi.1985.
- 2) K.C. Praval, The Indian Army after Independence , Lancer International, Delhi, 1990.
- 3) Sing Satinder. A Strategy for Indian Defence, Lancer Publication, Delhi, 1986.
- 4) Ram Gopal, India-Pakistan War & Peace, Pustak Kendra Laknow, 1965.
- 5) Sing Jasjit, Kargil 1999, Pakisatan's fourth War for Kashmir, Knowledge World, Delhi, 1999.
- 6) D.K.Palit The lightening Campaign the Indo-Pak War 1971, An mol Publication, Delhi, 1972.
- 7) Ravi Nanda, A Wake up call, Lancer Books, Delhi, 1999.
- 8) K Subrhamnyam, Kargil Review Report, Lancer Publication, Delhi, 2000.
- 9) J.N. Dixit, India Pakistan in War & Peace, India Today Group, New Delhi, 2002.
- 10) Dalvi J. P., Himalayan Blunder, Thacker & Co. Ltd., Bombay, 1969.
- 11) Surana Pannalal, Kargil ani Bhartachi Shaurakshan Sidhhata

Defence and Strategic Studies
M.A.-II (60+40=100)
DEF-244- Rise and Development of Indian Armed Forces During British
Period - II
Semester - IV **Periods**

- 1. The Part played by the Indian Army in the first World War 1914 to 1918 and Army Reorganization in 1922** **12**
- a) Expansion of the Indian Army Honors and Awards. The Gallantry and courage shown by Indian Soldiers. The Winner of the Victoria cross demand for indianisation of Officers ranks.
- b) Army Reorganization committee of 1920-21. The introduction of Kings. Commission for Indians. Through Royal Military College, Sandhurst committee and the recommendation of Nehru Report. The Carter for Indian Army. The pace of Indianisation. The establishment of Indian Military Academy, Dehradun. The competitive examinations for IMA Commission to Dufferin Cadets in the Navy.
- 2. The Progress of Indianisation and the raising of the Royal Indian Marine & Royal Indian Airforce** **13**
- a) The modernization of the armed forces. The birth of Royal Indian Marine. The birth of Royal Indian Airforce.
- b) The progress of the Indianisation between 1932 to 1939. The Chatfield committee.
- 3. Role of Indian Armed Forces in the second World War** **12**
- a) Dispatch of Indian troops, Expansion of Indian Army, Emergency committee Honors and awards for Indians heroic exploits of Indian Officers of the Royal Airforce
- b) Indian troops in the battle of Malaya and Singapore, The prisoners of war and the rising of the Indian National Army by Netaji Subhaschandra Bose, The establishment of South East Asia command.
- c) The heroic action of 8th and 10th Indian Infantry Divisions from Toranto to the Gothic lines-Honors and Awards.
- d) The exploits of the Indian Divisions Under the 4th and 15th and 33rd corps. The work of Royal Indian Airforce and the Royal Indian Navy during the Burma Operations. Honors and Awards.

4. The fighting men of the Indian and their traditions, Partition of India 1947 and the division of Armed forces between India and Pakistan

- a) The general pattern of recruitment in the army up to 1947. The Qualities of Indian Soldiers and Airmen. Certain basic recruitment the all class recruitment. Technical and Non-technical requirements of the Armed forces. The importance of literacy and education.
- b) The all class composition of the Navy and Airforce. The tradition of Indian Army changes brought about by World War – II. Cripps proposal and problem of defence. Establishment of National Government. The division of India and principles governing partition of the armed forces. Manpower and the equipment. The armed forces, Manpower and equipment. The armed forces of India and Pakistan.

References :-

- 1) MaJ. Gen. Chand N. Das (Retd) – Traditions and customs of the Indian Armed Forces – Vision Books, 36-C, Cinnaught Place, Delhi
- 2) Longer V. Red Coat to Olive Green, Allied Publications, Bombay.
- 3) Lt.Col. M.G.Abhyankar – The Last Man and The Last Round.
- 4) Lt.Col. M.G.Abhyankar – Burma Campaign
- 5) Mao Mun GF “The Armies of India” – Adam and Charis Black London.
- 6) Lt.Col. M.G.Abhyankar – Bhartiya Shashra senaugam ani vikas,Pune
- 7) Dr. Amarnath Sinha – Bhartiya Sena Parmpara aur Swarup ,Bihar

Defence and Strategic Studies

M.A.-II

(60+40=100)

DEF-245- Defence Organization of India - II

Semester - IV

Periods

- | | |
|---|-----------|
| 1. Infantry | 10 |
| a) Characteristics of Infantry | |
| b) Limitations of Infantry | |
| c) Organization of Infantry Battalion | |
| d) Organization of Infantry Division | |
| 2. Armored and Artillery | 10 |
| a) Utility of Armored and Artillery | |
| b) Characteristics of Armored and Artillery | |
| c) Role and limitation of Armored and Artillery | |
| 3. Signals and Engineers | 10 |
| a) Characteristics | |
| b) Role | |
| c) Limitations | |
| 4. Indian Navy | 10 |
| a) Importance and History | |
| b) Characteristics and Role | |
| c) Various types of battleships and their role. | |
| d) Limitations of Indian Navy | |
| 5. Indian Air force | 10 |
| a) Importance and History | |
| b) Characteristics and Role | |
| c) Various types of Aircrafts and their Role | |
| d) Limitation of Indian Air force | |

References :-

- 1) A. L. Venkateswaran, Defence Origination of India, India Publishing Div. Delhi, 1967.
- 2) Abhyaankar M.G. Defence Principles and Organization, Usha Publication, Pune, 1972.
- 3) Mishra H.B., Defence Management of India , Author Press, Delhi, 2000.
- 4) Singh Narendra , Defence Mechanism of Modern State, Inaia Publishing Div., Delhi, 1970.
- 5) Ministry of Defence , Annual Reports (Various Years)
- 6) Chuadhari A. P. and Jadhav V. Y., Indian Military Organization, Nirali Prakashan, 1996.
- 7) Shriwastaw J. M., Aadhunik rajya Ka Raksha tantra, Prakash Book Deopot, Bareli, 1993.

Defence and Strategic Studies

M.A. – II

(60+40=100)

DEF-246- Role of Military and Civil Society in Disaster- II

Semester - IV

Periods

- | | | |
|-----------|---|-----------|
| 1. | Management in Biological Disaster | 12 |
| | a) Biological Weapons | |
| | b) Choice of Biological Weapons | |
| | c) Characteristics of Biological Agents | |
| | d) Action by various Agencies | |
| 2. | Preparing the public for Atomic/Chemical/Biological Disaster | 08 |
| | a) Preparation lead to Panic | |
| | b) Awareness of WMD | |
| | c) Nuclear & Radiological Threats | |
| | d) Chemical Threats | |
| | e) Biological Threats | |
| 3. | Preparing Hospitals for Atomic/Chemical/Biological | 12 |
| | a) Nature of Casualties | |
| | b) Infrastructure Require in Hospitals | |
| | c) Contained Area | |
| | d) Ambulance Parking Site | |
| | e) Casualties Reception Center | |
| | f) Clean Area | |
| | g) Concealing site. | |
| 4. | Military & Civil Defence Assets Application in Disaster Relief | 10 |
| | a) Military Command Structure | |
| | b) Command and Control | |
| | c) Military Information | |
| | d) Force Protection | |
| | e) Services - Engineering, Transport, Health etc. | |
| | f) Resource Control | |
| | g) Military Capability | |

5. Disaster Management in India

08

- a) National Disaster Management Plan
- b) Legislation and Organisations
- c) Mechanism

References :-

- 1) Kar. H.K. (Brig), Silent Warfare, Mamas Publication, New Delhi., 2005.
- 2) Singh Sarthak, Disaster Management, Oxford Book Co., New Delhi 2010.
- 3) Khoshoo T.N. Environment Concern and Strategies, Ashish Publication, Delhi.2005
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North Maharashtra University, Jalgaon
Revised Syllabus For M.A. II

(60+40=100)

Semester - III & IV
W.E.F. June 2015

Equivalence Courses. –Semester Pattern

Sr. No	Old Paper Code No.	Old Course W.E.F.2012	New Paper Code No.	New Course W.E.F. 2015
			Compulsory Paper	
1	DEF. 231 & DEF.241	National Security I & II	DEF. 231 & 241	National Security of India. I & II
2	DEF. 232 & DEF. 242	International Organisation (UNO) I & II	DEF. 232 & 242	Challenges to Peace & Security of UN. I & II
3	DEF. 233 & DEF. 243	Maratha Art of War I & II OR India's Wars with Pakistan & China I & II	DEF. 233 & 243	India's Wars with Pakistan & China I & II
4	DEF. 234 & DEF. 244 OR DEF. 234 & DEF. 244	Rise & Development of Indian Armed Forces during British Period I & II OR Military Psychology Military Sociology	Optional Paper (Any One) DEF. 234 & 244 DEF. 235 & 245 DEF. -236 & 246	Rise & Development of Indian Armed Period I & II Forces during British Period I & II Defence Organization of India I & II Role of Military & civil Society in Disaster I & II

Dr.K.B.Patil (Chairman)
Syllabus Sub Committee,
N.M.U. Jalgaon

Dr. V. Y. Jadhav (Chairman)
Board of Studies
N.M.U. Jalgaon

Job Opportunities in Defence and Strategic Studies

After Graduation –

- 1) Industrial Security Sector
- 2) Security Guard
- 3) Air force Ground Duty Officers
- 4) Maharashtra Public Service Commission
- 5) Union Public Service Commission
- 6) Indian Police Service
- 7) Indian Forest Service
- 8) Army Education Officer
- 9) Defence industries
- 10) Para Military Forces
- 11) N.C.C. (B. & C cert.) Direct Entry Armed Forces (CDS)
- 12) Education Field
- 13) Law (Military Law and International Law)
- 14) Defence Journalism (If Foreign Language Diploma)

After Post Graduates:-

- 1) Civil Defence (Various 24 Branches – Territorial Army to Fire Fighting Officer Cadre)
- 2) Industrial Security Officer
- 3) Armed Forces
- 4) NET/SET Examination
- 5) Competitive Examination (Civil Services, IPS, Railway)
- 6) Banking
- 7) Defence Journalism
- 8) Scientist in Defence Laboratories
- 9) International Relations Analyzer
- 10) Military (Defence) Analyzer

Please Recommend this Opportunities & display on University web.

Chairman

BOS, Defence and Strategic Studies