

॥ अंतरी पेटवू ज्ञानज्योत ॥



North Maharashtra University, Jalgaon

Syllabus

for

M.A. (Part-II)

**DEFENCE
&
STRATEGIC STUDIES**

(w.e.f. June, 2009)

Defence & Strategic Studies

M.A. Part-II

DEF – 201 : Research Methodology & Techniques

DEF – 202 : International Organization (UNO)

DEF – 203 : Maratha Art of War

OR

DEF – 203 : India's wars with Pakistan & China

DEF – 204 : Rise and Development of Indian Armed Forces during British Period.

OR

DEF – 204 : Military Psychology and Sociology

Members of the Syllabus Committee

- 1] **Dr. Kumar B. Kadam**
(Z.B.Patil College, Dhule) - Chairman
- 2] **Dr. V.Y. Jadhav**
(G.T.Patil College, Nandurbar) - Member
- 3] **Dr. K.B.Patil**
(H.R.Patel College, Shirpur) - Member
- 4] **Prof. Y.N.Sutar**
(B.P.Arts College, Chalisgaon) - Member
- 5] **Prof. Homasing Patil**
(Nutan Maratha Coll., Jalgaon) - Invited Member
Chairman, B.O.S.

Defence & Strategic Studies

M.A. Part-II

DEF – 201 : Research Methodology and Techniques

60 + 20 + 20 = 100

Section-I

	Periods	Marks
1. Scientific and Social Research - Meaning, Definitions, Characteristics and Objectives.	12	16
2. Types of Social Research - Basic assumptions of social research steps, importance and utility of Social Research.	12	16
3. Information of problems in Social Research. i) Meaning of formulation of problems. ii) Factors in formulation of problems. iii) Process of formulation of problems. iv) Essential conditions of formulation of problems.	12	16
4. Hypothesis – i) Meaning, Definitions & Scope. ii) Characteristics & Source of Hypothesis. iii) Types, Importance & Utility of Hypothesis.	12	16
5. Research Design – i) Meaning & Definitions. ii) Characteristics & Objectives. iii) Types of Research Design.	12	16

Section – II

Periods Marks

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|-----|--|----|----|
| 6. | Data Collection – | 08 | 16 |
| | i) Meaning & Importance of Data Collection. | | |
| | ii) Types & Tools of Data. | | |
| 7. | Research Techniques – | 12 | 16 |
| | i) Types of Research Techniques. | | |
| | ii) Meaning, Nature, Characteristics of Projective Techniques. | | |
| | iii) Main Projective Techniques. | | |
| 8. | Research Methods – | 16 | 16 |
| | i) Explanatory. | | |
| | ii) Descriptive. | | |
| | iii) Diagnostic. | | |
| | iv) Experimental, Historical, Case Study. | | |
| | v) Field Studies & Survey. | | |
| | vi) Statistical Research Methods. | | |
| 9. | Research Report Writing – | 16 | 16 |
| | Determinants, Characteristics and Adjectives of Research Report Writing. | | |
| 10. | Computer Applications in Research. | 08 | 16 |
| | i) Nature & Characteristics of Computer. | | |
| | ii) Use of Computer in Research Coating. | | |

Reference Books -

- 1) सामाजिक संशोधन पध्दती - पु. ल. भांडारकर
- 2) संशोधन पध्दतीशास्त्र व तंत्रे - डॉ. प्रविण आगलावे
- 3) Methodology of Research in Social Sciences
by
- 4) The Conduct of Inquiry by A.K. Kaplan.
- 5) Understanding Research Methods by Gerold R. Adams & Jay D.

M.A. Part-II

DEF – 202 : International Organisation

Objectives – Special focus on UN organs role on various issues and challenges after 1990.

Section-I

		Periods	Marks
1.	United Nations Organisation	12	16
	i) Historical Background, Preamble, Objectives, Principles & Structure (in short)		
	ii) Main organs & their role		
	iii) Other organs and their role		
2.	Challenges to World Peace and Security	12	16
	i) Peace Keeping and Peace Making		
	ii) Disarmament and Arms Control		
	iii) Land Mines		
	iv) Proliferation of Small Arms		
3.	Challenges of Social Security	12	16
	i) Human Rights		
	ii) Human Rights of Woman & Children		
	iii) Humanitarian Relief		
4.	Challenges of Migration and Refugees	10	16
5.	Challenges to Health Security	14	16
	i) HIV / AIDS,	ii) Viral Infection,	
	iii) Diabetes,	iv) Avion Flue (Bird Flue)	

Section-II

		Periods	Marks
6.	Challenges to Environmental Security.	12	16
	i) Population		
	ii) Global Warming		
	iii) Water Security		
7.	Challenges to Organised Crime.	12	16
	i) Terrorism		
	ii) Drug Trafficking		
	iii) Cyber Crime		
8.	Challenges to Militarisation of Space and Space Technology.	12	16
9.	Challenges to Human Development and Economic Issues.	12	16
10.	Globalisation and UNO.	12	16

References –

- 1) Karn Margaret, P.Karn A. Mingst, International Organisation, The Political and Process of Global Governance.
- 2) The Millennium Thought, Challenges to Service – Balan K.
- 3) Politics Among Nations – Morgenthau Hans
- 4) Enhancing United Nations, Peace keeping in Chadock, I Algen, Ed –
The Future of UN System; Potential for 21st Century–Robert H Allen.
- 5) United Nations Peace keeping operations, the Challenges of Change in Regan MS UN 50 and beyond.
- 6) Introduction to Environment – Shastri M.N.

- 7) UN Press Conference on Small Arms. www.un.org/news
- 8) UNICEF Report, The Status of Children 2000-2006.
- 9) United Nations, Blue Book Series (various volumes)
- 10) A Review of UN Peace Making – Blue Hel Mate (various years)
- 11) UNDP Reports (various years)
- 12) SIPRY year book
- 13) UN Annual Reports

M.A. Part-II

DEF – 203 : Maratha Art of War

Objectives – Special focus on Maratha Grand Strategy, Strategy & Tactics.

Section-I

	Periods	Marks
1. Political, social, economic, religious and geographical situation in Maharashtra before the emergence of Shivaji.	12	16
2. Shivaji and Adilshahi.	16	16
a) Jawali Incident.		
(i) Strategic importance of Jawali.		
(ii) Causes of Shivaji & More Conflicts.		
(iii) Consequences of Jawali incident.		
b) Battle of Pratapgarh.		
(i) Introduction.		
(ii) Military strength of Afzalkhan and Shivaji.		
(iii) Attack of Afzalkhan.		
(iv) War tactics of Shivaji.		
(v) Diplomacy of Krushnaji Bhaskar and Gopinath Pandit.		
(vi) Causes of victory in Battle of Pratapgarh.		
3. Shivaji and Mughals.	08	16
a) Raid on Shahistekhan – Introduction. Military strength of Shahistekhan and Shivaji, Battle action & war tactics of Shivaji.		
b) Campaign of Mirza – Raje Jaysingh – Introduction, Strategy of Jaysingh Deployment of forces, Seize of Purander – Treaty of Purander.		

	Periods	Marks
4. Karnataka Campaign of Shivaji.	12	16
i) Introduction.		
ii) Objectives of Expedition.		
iii) Consequences of Campaign.		
iv) Military Qualities of Shivaji.		
5. Organization of Maratha Armed Force.	12	16
i) Organization under Shivaji.		
ii) Forts and their importance.		
iii) Military Organizations under the Peshwa.		

Section-II

6. Sambhaji as a General.	08	08
7. Santaji & Dhanaji and their contribution in Art of War.	14	16
8. Bajirao-I & his Campaign (Palkhed, Bhopal)	14	16
9. Third battle of Panipat (1761)	08	08
10. Anglo Maratha War – Kharda, Assai.	08	16
11. Decline of Maratha Power (causes and effects).	08	16

Reference Books -

- 1) Shivaji and the Maratha Art of War - M.B.Deopujari
- 2) Military History of India - Sir Jadunath Sarkhar
- 3) Panipat – T.S.Shejwalkar
- 4) Bajirao and Maratha Expansion – Dr.Dighe V.G.
- 5) History of Maratha – Grand Duff
- 6) Military System of the Maratha – S.N.Sen
- 7) House of Shivaji – Sarkar J.N.
- 8) A History of Maratha Navy and Merchant Ships – B.K.Apte
- 9) मराठ्यांचे आरमार - डी. बी. पारसनीस
- 10) छत्रपती शिवाजी महाराज - श्री. बेंद्रे
- 11) प्रतापगडाचे युद्ध - कॅप्टन मोडक
- 12) History of Warfare – Mountgommary
- 13) रामचंद्रपंत अमात्यकृत्य आज्ञापत्र
- 14) निजाम पेशवे संबंध - शेजवलकर
- 15) New History of the Maratha, Vol. I, II & III – G.S.Sardesai

M.A. Part-II

OR - DEF-203 : India's Wars with Pakistan and China

Section-I

		Periods	Marks
1.	Indo-Pakistan War 1947.	12	16
	a) Background		
	b) Geographical Situation of Jammu and Kashmir.		
	c) Operation Gulmarg		
	d) Attack on Domel		
2.	Operation Vijay : Counter Attack of Jhanger	12	16
	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.	12	16
	a) Background		
	b) Causes		
	c) Comparative Military Strength		
	d) Operation on Kachha		
4.	Operation Gibraltar in Indo-Pak War of 1965.	12	16
	a) Operation Bakshi		
	b) Operation Grand Slam		
	c) Battle as Asal Uttar		
	d) Battle of Chhamb		

		Periods	Marks
5.	Role of Airforce and Navy in Indo-Pak War of 1965.	12	16
	a) Air operations		
	b) Naval operations		
	c) Military lessons from the War (1965)		
Section – II			
6.	Indo-Pak War of 1971.	12	16
	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) Effect and Consequences		
7.	Indo-Pak Conflict in 1999 (Kargil).	12	16
	a) Geographical Location		
	b) Background & Causes		
	c) Operation Vijay : Batalik Sector		
	d) Operation Safed Sagar		
8.	Operation Vijay : Drass Mushok Sector	12	16
	a) Role of Engineers and Signals in Kargil War		
	b) Role of Airforce		
	c) Role of Navy		
	d) Aftermath – (i) India, (ii) Pakistan		
9.	Indo-China War of 1962.	12	16
	a) Background and Causes		
	b) Comparative Military Strength		
	c) Actual Conflict		
	d) Operation of NEFA		
	e) Operation of Ladakh		
	f) Military Lessons from the War		
10.	Futuristic approach of India with her Neighbours.	12	16
	a) Pakistan		
	b) China		

Reference Books –

1. Operations in Jammu and Kashmir 1947-48 Ministry of Defence Govt. of India, Thomson Press Ltd., New Delhi.
2. The Indian Army after Independence – K.C. Praval
3. History of Jammu and Kashmir Rifles – Maj K. Barhma Singh
4. The India Pakistan Air War of 1965 – P.V.S. Jagan Mohan and Sameer Chopra.
5. India-Pakistan War 1965 : Hiranman Gupta
6. India-Pak 1965 War : Role of Tanks – Lt.Col.Bhupinder Singh
7. The lightning Campaign the Indo-Pak War 1971 – D.K.Palit
8. Limited War with Pakistan : Will it secure India's Interest? Paper by Suba Chandran.
9. An analysis of Kargil Conflict 1999 – Souket Qadir
10. Kargil Cross Border Terrorism – M.K.Akbar
11. India Pakistan in War & Peace – J.N.Dixit
12. डोमेल ते कारगिल - निवृत्त मेजर जनरल शशीकांत पित्रे
13. कारगिल आणि भारताची संरक्षण सिध्दता - पन्नालाल सुराणा
14. राष्ट्रीय सुरक्षा - प्रा.ए.पी.चौधरी, सौ. अर्चना चौधरी
15. भारताची राष्ट्रीय सुरक्षा - प्रा.ए.पी.चौधरी, सौ.अर्चना चौधरी

M.A. Part-II

DEF-204 : Rise and Development of Indian Armed Forces during British Period.

Section-I

	Periods	Marks
1. A brief history of Indian Army from 1748 to 1857.	24	15
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.	16	15
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.	16	15
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.	24	15
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).

Section-II

	Periods	Marks
5. The part played by the Indian Army in the First World War 1914 to 1918 and Army Reorganization in 1922.	15	24
a) Expansion of the Indian Army Honours 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 the Indian Military Academy, Deharadun. The competitive examinations for IMA Commission to Dufferin Cadets in the Navy.		
6. The progress of Indianisation and the raising of the Royal Indian Marine & Royal Indian Air Force.	15	16
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.		
7. Role of the Indian Armed Forces in the Second World War.	15	24
a) Dispatch of Indian troops, Expansion of Indian Army Emergency Committee, Honours and Awards for Indias 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 Subhashchandra Bose, The establishment of South East Asia Command.
- c) The heroic action of 8th & 10th Indian Infantry Divisions from Toranto to the Gothic lines – Honours and Awards.
- d) The exploits of the Indian Divisions under the 4th, 15th and 33rd corps. The work of the Royal Indian Airforce and the Royal Indian Navy during the Burma Operations. Honours and Awards.

Periods Marks

8. The fighting men of the India and their traditions, Partition of India 1947 and the division of Armed forces between India and Pakistan.	15	16
a) The general pattern of recruitment in the Army up to 1947. The qualities of Indian Soldier 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 Second. Cripps proposal and problems 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 the equipment. The armed forces of India and Pakistan.		

Reference Books –

- 1) MaJ. Gen. Chand N. Das (Retd) – Traditions and customs of the Indian Armed Forces – Vision Books, 36-C, Cinnought 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 – “भारतीय सशस्त्र सेना उगम आणि विकास” पुणे.
- 7) Dr. Amarnath Sinha – “भारतीय सेना परंपरा और स्वरूप” भाग १ व २ बिहार हिंदी ग्रंथ अकादमी संमेलन भवन, कदम कुआँ, पटना ०३ बिहार.

M.A. Part-II

OR - DEF-204 : Military Psychology and Sociology

Section-I

	Periods	Marks
1. Psychology and Armed Force.	12	16
i) Dimensions of Behavior – Motivation, reflective and cognitive process, Relevance of psychology in Defence Problems.		
ii) Personnel’s selections and classifications of Defence services, use of intelligence to ground testing procedure and elementary personal testing.		
2. Application of principles of psychology in Military training. Motivation, Learning, Transfer of transiting group and individual training.	12	16
3. Group Dynamics in Military Life.	12	16
i) Group structure, types and their functions information of social news, group problems solving.		
ii) Leadership –Nature, Types of leadership, training and functions of leader.		
iii) Morale – Nature, Determinants and Techniques of boosting morale, its significance in defence.		
4. Psychological Warfare.	12	16
i) Nature, types of organizations and techniques of military propaganda.		
ii) Psychology of Rumour, Nature, Techniques and its merits and demerits, impact on war and society.		
iii) Structure – Theories and Techniques of cohency persuasion, determinants of brain masking effects.		

		Periods	Marks
5.	Mental Disorder of War (Abnormalities). i) Mental Health of Soldiers in War ii) Psychological disorder and emotional strains imposed by war conversion. Hysteria, Anxiety and War Neurosis.	12	16
Section-II			
6.	Social Institutions of the Armed Forces. i) Social base of Military Power ii) Social background of Defence Personnel iii) Social changes in the Character	12	16
7.	The Military Organization. Hierarchy Co-ordination, Discipline, Motivation and Morale in the Armed Forces.	12	16
8.	Sociology of War. i) Social Causes of War ii) Social Mobilization of War iii) Adjustment and emotional problems during War	12	16
9.	Post War Social Problems. i) Problems of large scale ii) Disbandment of Personnel iii) Rehabilitation iv) Social adjustment of servicemen rebased after War v) Effects of War on society	14	24
10.	Military and Civil Relationship.	10	08

- i) Soldier and Society
- ii) Soldier and Political System
- iii) Soldier and Productive System
- iv) Image of the Soldier in different societies
- v) Role of Armed Forces and Agencies in the social changes
- vi) Modernisation and Economic Development

Reference Books –

- 1) Psychology to the Armed Forces – E.G.Boarding
- 2) Military Psychology – Raj Narayan
- 3) The Social Psychology of Military Science – Goldman
- 4) Men under Stress – R.R.Grinkar
- 5) Race Class and Military – Grile
- 6) The Role of Military as under Development Countries – Johnson John
- 7) Military Organization and Society – Jauki
- 8) Men in Uniform – Military Manpower in Modern Industrial Society –
Michael Fort R.D.
- 9) Society and Military Establishment – Morries Janowits
- 10) Military Instruments and the Sociology of War

North Maharashtra University, Jalgaon

Revised Syllabus for M.A. Part-II

Defence and Strategic Studies

(w.e.f. June – 2009)

Equivalent Courses

Sr. No.	Old Paper Code No.	Old Course w.e.f. July, 2003	New Paper Code No.	New Course w.e.f. June, 2009
1.	DS-A-1	Defence Economics and Productions	DEF 202	International Organization
2.	DS-A-2	GeoPolitics and Military Geography	DEF 203 or DEF 203	Maratha Art of War Indias Wars with Pakistan and China
3.	DS-A-3	Research Methodology and Techniques	DEF 201	Research Methodology and Techniques
4.	Optional Paper DS-B-1	Industrial Security Management	DEF 204 OR DEF 204	Rise and Development Indian Armed Forces of during British Period. Military Psychology and Sociology
	DS-B-2	International Relations in Modern Times		
	DS-B-3	International Organization	---	---

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