

**Dr. Babasaheb Ambedkar Marathwada University
Aurangabad**



**Revised Syllabus of
B.A. (Military Science)**

Semester-I & II

Effective from 2010-11 & Onwards

**Dr. Babasaheb Ambedkar Marathwada University
Aurangabad**

**Syllabus of B.A. 1st Year (Military Science)
War and Warfare (Paper - I)
Semester System**

- (a) All Papers are compulsory
- (b) 50 Marks for each paper 20 marks for Practical Test and 30 marks for semester and examination. Passing both levels is essential.
- (c) Semester end examination will be of 90 minutes for each paper

Chapter No.	Title of the Chapter	Credits Allotted	Periods
Semester - I			
1	War	4	60
2	Conventional Warfare		
3	Modern War		
4	Revolutionary war and low intensity operation		
5	Nuclear Warfare		
Semester - II			
6	Psychological Warfare	4	60
7	Chemical and Biological Warfare		
8	Economic Warfare		
9	Electronic warfare		
10	Changing Perspective of War		
Semester-I & II	Military Science Practical Examination Test	4 & 4	60 & 60

Note :

1. One period of 50 Minutes.
2. 15 period = 01 credit
3. 04 credit = 60 period
4. Each paper is comprised of 04 Credits.
5. 60 periods are meant for Classroom Teaching and practical & Record Book of each Paper .
6. For Practical 1 credit = 30 period

War and Warfare

Paper : I

SEMESTER - I

1. War

- a. Meaning and concept.
- b. Nature and scope of war
- c. Causes of war
- d. Functions of War
- e. Principles of consequences of war

2. Conventional Warfare

- a. Meaning and concept
- b. Evolution
- c. Limited war

3. Modern war

- a. Meaning and concept
- b. Features
- c. Total War

4. Revolutionary war and low Intensity Operations

- a. Guerilla War / Asymmetric Warfare
 - i. Meaning and concept
 - ii. Principal and characteristic
 - iii. Guerilla strategy and Tactics
 - iv. Contributors to the Guerilla war
- b. Insurgency ad counter Insurgency
 - i. Meaning and concept
 - ii. Basic Characteristics
 - iii. Causes
 - iv. Counter Measures.

5. Nuclear war Fare

- a. Meaning and concept
- b. Origin and development
- c. Effect of Nuclear war
- d. Nuclear Strategy
- e. Arms race and its effect
- f. Theory of Nuclear
- g. Deterrence

SEMESTER – II

6. Psychological warfare

- a. Meaning and Nature
- b. Objectives
- c. Means and methods
- d. Mental health problems of soldiers

7. Chemical and Biological Warfare

- a. Meaning and Nature
- b. Objectives
- c. Types Methods and effects
- d. Preventive measures

8. Economic Warfare

- a. Meaning and concept
- b. Objectives
- c. nature and Means

9. Electronic Warfare

- a. Meanings
- b. Concept
- c. Objective

10. Changing Perspective of War

Reference

1. Samuel B. Payne - The conduct of war - An Introduction to Modern Warfare.
2. Gander T.J. - Nuclear Biological and chemical warfare, London 1987.
3. Montgomery - A History of warfare.
4. Howard Michael - The theory and practice of war.
5. Liddell Hart B.H. - Strategy : The Indirect Approach.
6. Chaudhari J.N. - Arms, Aims and Aspects.
7. Palit D.K. - Essential of Military Knowledge.
8. Ropp Theodare - War in the Modern world.
9. Palit D.K. - War in the Deterrent Age.
10. Paret Peter (Ed.) - Makers of Modern strategy (Oxford-1986)
11. Garnett John (Ed.) - Theories of Peace and Security (Bristol-McMillan-1976)
12. Bordie B. - Strategy in the missile age.
13. Halperin Morton - Contemporary Military strategy.
14. Khan S.A. Probing war and war fare - A.P.H. Publishing corp. New Delhi-2005.
15. परांजपे श्रीकांत - सामरिकशास्त्र, कॉन्टीमेंटल प्रकाशन, पुणे.
16. चौधरी अर्चना - आधुनिक युद्धपध्दती.
17. चौधरी ए.पी. चौधरी अर्चना - आधुनिक युद्धकला, निराली प्रकाशन पुणे.

Dr. Babasaheb Ambedkar Marathwada University
Aurangabad
Syllabus of B.A. 1st Year (Military Science-I)
Defense Organization of India (Paper - II)

SEMESTER SYSTEM

- (a) All Paper are compulsory
 (b) 50 Marks for each paper 20 marks for Practical Test and 30 marks for semester and examination. Passing both levels is essential.
 (c) Semester end examination will be of 90 minutes for each paper

Chapter No.	Title of the Chapter	Credits Allotted	Periods
Semester - I			
1	Military Organization and Principal of Administrations	4	60
2	Reconstruction of Indian Armed of Forces after 1947.		
3	Higher Defence Org. in India		
4	Defence Mechanism of the India Armed Force		
5	Second line of Defence / Para Military Forces		
Semester - II			
1	Organization of Intelligences in India	4	60
2	Fighting Arms (Combat Arms)		
3	Support Arms - Artillery, Engineers & Signal Corps		
4	The Administrative Services Role in peace and war time		
5	Indian Navy		
6	Indian Air force		
	Military Science Practical Examination Test	4	60

Note :

1. One period of 50 Minutes.
2. 15 period = 01 credit
3. 04 credit = 60 period
4. Each paper is comprised of 04 Credits.
5. 60 periods are meant for Classroom Teaching and practical & Record Book of each Paper.
6. For Practical 1 credit = 30 period.

Defence Organization of India

Paper: II

SEMESTER -1st

1. Military organization and principles of Administrations.

2. Reconstruction of Indian Armed forces after 1947.

- a. Reconstruction of Indian Army.
- b. Reconstruction of Indian Navy.
- c. Reconstruction of Indian Air force.

3. Higher Defence Organization in India.

- a. Powers of the President in relation to the Armed forces.
- b. Parliament and Armed forces.
- c. Defence committee of the cabinet. d) Ministry of Defence.
- d. National Security Council

4. Defence Mechanism of the Indian Armed forces.

- a. Chiefs of staff committee.
- b. Organisation of Army Head-Quarters, Naval Head-Quarters and Air Head-Quarters. (Integrated HQ, Ministry of Defence
- c. Organization of Army, Navy, Air commands and Nuclear commands.

5. Second line of Defence / Para Military Forces

- a. Border Security Force
- b. Coast Guard
- c. Territorial Army
- d. Civil Defence
- e. Home guards.
- f. Central Reserve Police Force
- g. State Reserve Police

SEMESTER - II

6. Organisation of Intelligence in India

- a. Introduction and History of Intelligence.
- b. Principles and process of Intelligence.
- c. Role of Various Agencies.
- d. Devices for collecting Intelligence.
- e. Counter Intelligence.
- f. Indian Intelligence organization.

7. Fighting Arms (Combat Arms)

- a. a) Infantry
 - i. Characteristics, Role and limitations.
 - ii. Infantry Divisions and Battalion organization.
- b. Armored Corps
 - i. Characteristics,
 - ii. Role and limitations.

8. Supporting Arms - Artillery, Engineers & Signal Corps

- a. Characteristics.
- b. Role and limitations.

9. The Administrative Services - Role in peace and war time.

- a. Army service corps.
- b. Army ordnance corps.
- c. Army Medical corps.
- d. Electrical and Mechanical Engineers.
- e. Judge Advocate Generals Branch

10. Indian Navy

- a. Organisation of the Indian Navy

- b. Characteristics, Role and limitations.
- c. Various types of Battleships in Indian Navy.
- d. Role during war (after Independence)

11. Indian Air Force

- a. Organization of the Indian Air Force
- b. Characteristics, Rile and Limitations
- c. Various Types of Aircrafts in Indian Air force.
- d. Role during war after (independence)

Reference Books :

1. Venkateshwarma A.L. – Defence Organisation in India
Pub. Divisional.- 1967, Delhi-6
2. Nagendra Singh – Defence Machanism of Modern State.
3. Satephan Cohen Indian Army – A sketch of It's History
and Organiation.
4. Birg Rajendra Singh – Organisation and Administration
in the Indian Army.
5. Lt. Col. Abhyankar M.G. – Defence, Principal and
Organisation (Usha Pakashan , pune- 7 1974)
6. Ministry of Defence – Annual Reports.
7. वेंकटेश्वरन ए.एल. - भारत रक्षा संघटन, मध्यप्रदेश हिंदी ग्रंथ अकादी, भोपाल १९७३.
8. ले.के. अभ्यंकर एम.जी. संरक्षणशास्त्र आणि संघटना, उषा प्रकाशन पुणे - ७, १९७४.
9. चौधरी, जाधव, सैदाणे अर्चना चौधरी - भारतीय लष्करी संघटना, निराली प्रकाशन, पुणे.
10. श्रीवास्तव जे.एम. - आधुनिक राज्यका रक्षातंत्र
11. डॉ. लल्लनजी सिंह - आधुनिक राज्यका रक्षातंत्र
12. डॉ. पुरुषोत्तम गुप्त - वर्तमान रक्षातंत्र

DISASTER MANAGEMENT

1. DISASTER

1. Definition.
2. Aims & Objectives of Disaster.

2A. NATURAL DISASTER

- 1) Characteristics.
- 2) Types: Earthquake, Volcano, Tsunami Waves, Land slide, Storm, Cyclone.

B. HUMAN DISASTER

- 1) Characteristics.
- 2) Types : Terrorism Fire, Medical Adulteration, Poisoning,? Strikes, Accidents- Causes & Effects.
- 3) War and Disaster.

3. ENVIRONMENTAL POLLUTION

- 1) Meaning & Concept.
- 2) Marine and coastal pollution
- 3) Radioactive Pollution - Nature, Sources, Effects & Control
- 4) Thermal Pollution - Sources, Effects and Prevention of Thermal Pollution.
- 5) Pollution and Natural Disaster.
- 6) Role an Individual in prevention of pollution

4. ENVIRONMENTAL DISASTER AND HUMAN POPULATION

- 1) Definition of Environmental Disaster & population
- 2) Elements.
- 3) Types-Climate change, Global Warming, acid rain, Ozone layer Depletion, Population Pressure - Causes & Effects.
- 4) Human Health and Disaster

RECORD BOOK

- 1) Visit to Historical Place or fort.
- 2) Visit to Government Hospital
- 3) Naxalist
- 4) Area Cleaning.
- 5) Blood Donation

Note :

1. Each Paper is comparison of 30 marks Practical Syllabus and 10 marks Record Book & Viava.

SEMISTER –II

5. DISASTER MANAGEMENT

- 1) Meaning and Concept.
- 2) Elements of Disaster Management.
- 3) Preventive Measures.
 - a. Prior Preparation System
 - b. Information System.
 - c. Logistic.
 - d. Communication System.
 - e. Emergency preparedness.
 - f. Forecasting.
 - g. Relief measure system.
 - h. Medical Aid.

A) NATURAL DISASTER MANAGEMENT

- 1) Planning, Technical Ways.
- 2) Co-operation factors.
- 3) Natural Disaster Reduction and Management.

B) HUMAN DISASTER MANAGEMENT

- 1) Security Forces - Role.
- 2) Civil Defence-Role.
- 3) Rescue-Role.
- 4) Search campaign.

6. MANAGEMENT OF ENVIRONMENT

- 1) Aspects of environmental management.
- 2) Approaches of environmental management.

7. PUBLIC AWARENESS

- 1) Value education.
- 2) Human rights.
- 3) Child Welfare.
- 4) Role of information in environment and human health.
- 5) Natural Disaster Management and people participation with special reference to India.
- 6) Government Policy.

RECORD BOOK

- 1) Visit to Historical Place or fort.
- 2) Visit to Military Area.
- 3) Visit to Police Head Quarter.
- 4) Aids
- 5) Tree Plantation

Note :

1. Each Paper is comparison of 30 marks Practical Syllabus and 10 marks Record Book & Viava.

References -

- 1) Agrawal V.P. & SVS Ramal - Environmental and Natural Resources.
- 2) Arabina Samant - Cyclone Hazard and..., Economic & Political.
- 3) Weekly Vol. 38 , Ept. 20-26, 1997.
- 4) Bramhe Sulabha- Drought in Maharashtra.
- 5) Alizad. Varad, Bhos- "Paryawaran Vidnyan"
- 6) Gharpure Vitthal- "Paryawaran Bhugolshastra"
- 7) David Warne- Where there is no Doctor (1981)
- 8) Deshmukh Shripad- Water pollution, Noise pollution, Air pollution.
- 9) Jasjeet Sinha (Air Cdr)- "Bhartiy Parmanushastra".
- 10) Patkar M.G.- Principal of Management.
- 11) Rais Alehtar and Yoga Verhasselt- Disease Ecology and Health.
- 12) Ramakant Bholra- Post Cold War Development in South Asia.
- 13) Simmons I.G. - Biography - Natural and Cultural.
- 14) Shrivastava B.P.- Our Forests.
- 15) Sarang Subhashchandra- "Paryawaran Bhugol".
- 16) T.N.Khoshoo- Environment concern and Strategies.
- 17) Cunningham (Illrd Cdr) - Environment Science.
- 18) Agrawal S.K.- Environmental Issues and Themes.
- 19) Trivedi P.R. Gurudeep Raj - Encyclopedia of Environmental Science.
- 20) Savindrasingh - Environmental Geography.
- 21) Chatwal G.R. and Sharma Harish - Environmental Studies.
- 22) Dr. Nadaf F.M.& Mr. Pawaskar - Environmental Studies -Volume 1,11
- 23) Prof. Patil Jayshree - Environmental Sciences.

**Dr. Babasaheb Ambedkar Marathwada University
Aurangabad**



**Revised Syllabus of
B.A. (Military Science)**

Semester III & IV

Effective from 2010-11 & Onwards

**Dr. Babasaheb Ambedkar Marathwada University
Aurangabad**

**S.Y.B.A.- Paper – III
(India's Internal Security)**

SEMESTER SYSTEM

- (d) All Paper are compulsory
 (e) 50 Marks for each paper 20 marks for Practical Test and 30 marks for semester and examination. Passing both levels is essential.
 (f) Semester end examination will be of 90 minutes for each paper

Chapter No.	Title of the Chapter	Credits Allotted	Periods
Semester - III			
1	National Security and National Interest	4	60
2	National Security of India		
3	Regionalism in India		
4	Social Problems		
Semester - IV			
1	Jammu and Kashmir Problems	4	60
2	North East Problem		
3	Naxalist Problem		
4	Terrosims		
5	Problems of our Increasing Population		
Semester – III & IV	Military Science Practical Examination Test.	4 & 4	60 & 60

Note :

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Military Science Syllabus 2010-11
Semester System
S.Y.B.A.- Paper – III
(India's Internal Security)

SEMESTER- III

1. National Security and National Interest

- a. Meaning and definitions
- b. Concept of National Security and National Interest
- c. Scope of National Security
- d. Functions and Kinds of National Interest

2. National Security of India

- a. Introduction
- b. Values of India's National Security
- c. Historical Development

3. Regionalism in India

- a. Meaning and Concept
- b. Base of Regionalism
- c. Regionalism of different forms

4. Social Problems

- a. Introduction
- b. Communication Concept, Nature
- c. Poverty
- d. Urbanisation

Reference Books-

- 1) K. Subramanyam – India and Nuclear Challenges
- 2) K. Subramanyam – Our National Security
- 3) Jen. O. Kathaplia -National Security Perspective
- 4) K.M. Panmikar- Problems of India's Defence
- 5) Rohit Honda- Policy for Indias Defence
- 6) K.S. Nagar and Gautam- Indias Security- Super Powers
- 7) ए. पी. चौधरी, अर्चना चौधरी - राष्ट्रीय सुरक्षा
- 8) वराडकर - आंतरराष्ट्रीय राजकारण
- 9) डॉ. एल. सिंग - राष्ट्रीय सुरक्षा
- 10) Lt. Jen (Ret) V.R. Raghwan – Comprehensive Security in South Asia (Seminar Proceeding)
- 11) डॉ. दिपक कुमार मोदी - भारत मे राष्ट्रीय आंदोलन

Military Science Syllabus 2010-11
Semester System
S.Y.B.A.- Paper – III
(India's Internal Security)

SEMESTER- IV

1. Jammu and Kashmir Problems

- a. Historical Background
- b. Causes
- c. Operations Remove of Terrorisms
- d. Effects on Security

2. North East Problems

- a. Historical Background
 - b. Insurgency in Various States
 - c. Causes
 - d. Effects on Security and National Integrity
- Measures

3. Naxalist Problems

- a. Meaning and Concept
- b. Naxalist Movement in Various States
- c. Causes
- d. Effects on National Security

4. Terrorisms

- a. Meaning and Concept
- b. Regional Terrarism
- c. National Terrarism
- d. Solution of Terrarism

5. Problems of our Increasing Population

- a. Food and Shelter (Basic Needs)
- b. Health and Hygeian
- c. Gender Differences
- d. Increasing Population and Effects on National Power

Reference Books-

- 1) K. Subramanyam – India and Nuclear Challanges
- 2) K. Subramanyam – Our National Security
- 3) Jen. O. Kathaplia -National Security Perspective
- 4) K.M. Panmikar- Problems of Indias Defence
- 5) Rohit Honda- Policy for Indias Defence
- 6) K.S. Nagar and Gautam- Indias Security- Super Powers
- ७) ए. पी. चौधरी, अर्चना चौधरी - राष्ट्रीय सुरक्षा
- ८) वराडकर - आंतरराष्ट्रीय राजकारण
- ९) डॉ. एल. सिंग - राष्ट्रीय सुरक्षा
- 10) Lt. Jen (Ret) V.R. Raghwan – Comprehensive Security in South Asia (Seminar Proceeding)
- 11) डॉ. दिपक कुमार मोदी - भारत मे राष्ट्रीय आंदोलन

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.**S.Y. B.A. – Paper IV****[Maratha Art and War]****Semester System**

- [a] All paper are compulsory
- [b] 50 marks for each paper 20 marks for Practical test and 30 marks for semester examination passing both levels is essential.
- [c] Semester and examination will be of 90 minutes for each paper.

Chapter No.	Title of the Chapter	Credits Allotted	Periods
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SEMESTER – III

1.	Political, Social, Economical, Religious & Geographical Situation in Maharashtra before the emergency of Shivaji		
2.	Shivaji and Adjlshahi	04	60
3.	Shivaji and Mughal		
4.	Karnataka Campaign of Shivaji		
5.	Organization of Maratha Armed Force		

SEMESTER – IV

1.	Raje Sambhaji		
2.	Santaji & Dhanaji	04	60
3.	Bajirao-I		
4.	Battle of Panipat – III(1761)		
5.	Decline of Maratha power		
Semester III & IV	Military Science Practical Examination Test	4 & 4	60 & 60

- Note :
1. One Period of 50 minutes
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 3. 04 credit = 60 period
 4. Each paper is comprised of 04 credits.
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 6. For practical 1 credit = 30 period.

**Dr. Babasaheb Ambedkar Marathwada University
Aurangabad**

**Syllabus of B.A. 1st Year (Military Science-I)
Defense Organization of India (Paper - IV)**

SEMESTER SYSTEM

- a) All Paper are compulsory
 b) 50 Marks for each paper 20 marks for Practical Test and 30 marks for semester and examination. Passing both levels is essential.
 c) Semester end examination will be of 90 minutes for each paper

Chapter No.	Title of the Chapter	Credits Allotted	Periods
Semester - III			
1	Political Social, Economic Religious & Geographical Situation in Maharashtra before the emergence of Shivaji	4	60
2	Shivaji and Alshahi		
3	Shivaji & Mughal		
4	Karanataka Camping to Shijavi		
5	Organization of Maratha a Armed Force		
Semester - IV			
1	Raje Sambhaji	4	60
2	Santaji & Dhanaji		
3	Bajrao - I		
4	Battle of Pampat - III (1791)		
5	Decline of Maratha Pawar		
	Military Science Practical Examination Test.	4	60

Note :

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3. 04 credit = 60 period
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6. For Practical 1 credit = 30 period.

Military Science Syllabus 2009-10
S.Y.B.A. Paper IV
Maratha Art of War
Semester III

1. Political, Social, Economic, Religious & Geographical situation in Maharashtra before the emergency of Shivaji

2. Shivaji and Adilshahi

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 & Shivaji
- iii. Attack of Afzalkhan
- iv. War tactics of Shivaji
- v. Diplomacy of Krushnaji Bhaskar & Gopinath Pandit.
- vi. Causes of Victory in Battle of Pratapgarh.

3. Shivaji & Mughal

a. Raid on Shahistekhan – Introduction Military strength of Shashstekhan & Shivaji Battle action & war tactics of Shivaji.

b. Campaign of Mirza – Raje Jaysingh – Introduction, Strategy of Jaysingh Development of forces size of Purdander – Treaty of Purander.

4. Karnataka Campaign of Shivaji

- a. Introduction
- b. Objective Expedition
- c. Consequences of Campaign
- d. Military Qualities of Shivaji

5. Organization of Maratha a Armed Force

- a. Organization of under Shivaji
- b. Forts & Their importance
- c. Military Organization.

Military Science Syllabus 2010-11

Semester System S.Y.B.A.- Paper – IV Maratha Art of War

SEMESTER- IV

1. Raje Sambhaji

- a. Introduction
- b. Sambhaji's Function
- c. sambhaji as a Military Leader

2. Santaji & Dhanji

- a. Introduction
- b. Military role during Rajaram & Shahu – Gurzilla a war tactic
- c. Their contributing in Art of war

3. Bajirao – I

- a. Introduction
- b. Bajirao –I as a Military Leader
- c. Battle of Palkhed – Causes & Importance
- d. Battle of Bhopal - Introduction & Bhopal Treaty.

4. Battle of Panipat – III (1761)

- a. General
- b. Causes if innovations of Ahmedshah Abdali War planning - War strategy of Abdali – Martha Battle – action causes of defeat of Maraths Consequences of Battle of Panipat - III

5. Decline of Maratha Pawar

- a. General
- b. Cause – Fudral System, Lack of Unity, Economic condition, Ignorance of new war tactics & wapons negligence of Nevy, Lacks of Nationality, deference between weapeons & Leadership Religion system of Maratha

Reference Book :

1. Shivaji and the Maratha Art war - M.B. Deopjari
2. Military History of India – Sir Judunath Sarkhar
3. Panpat – T.S. Shewalkar
4. Bajirao and Maratha Expansion – Dr. Dighe V.G.
5. History of Maratha Grand Dutt.
6. Military System of the Maraths S.N. Sen.
7. House of Shivaji Sarkar J.N.
8. A. History of Maraths Navy and Marchaut Ship B.K. Apte.
9. मराठ्यांचे आरमार डी.बी. पारसनीस.
10. छत्रपती शिवाजी महाराज - श्री. बेंद्रे
11. प्रतापगडाचे युध्द कॅप्टन माडेक
12. History of warfare - Mountommary
13. रामचंद्रपंत अमात्यकृत्य आज्ञापत्र.
14. निजाम पेशवे संबंध शेजवळकर
15. New History of the Maratha Vol I,II,& III – G.S. Sardesai.

C.

Syllabus of B.A. Semester System
Semester - III
Military Science Practical Examination Test
2009-10

<u>INDEX</u>	
	CHAPTER - I NCC
Section -1	General
Section -2	Organisation
Section -3	Philosophy of Training
Section -4	NCC Song
Section -5	Incentives for NCC Cadets
	CHAPTER - I NATIONAL INTEFRATION
Section -1	Indian History and Culture
Section -2	Religion and Customs of India
Section -3	Unity in Diversity
Section -4	National Integration and its Importance -
Section -5	India and Its Neighbors
Section -6	Contribution of Youth in National Building
Section -7	Nation State, National Interests and Objectives
	CHAPTER -III FOOT DRILL
Section -1	General and Words of Command

Section -2	Attention. Stand at Ease and Stand Easy. Turning and Inclining at the Halt
Section -3	Sizing, Forming up in Three Ranks. Numbering and Close Order March and Dressing
Section -4	Saluting at the Halt. Getting on Parade, Falling Out and Dismissing.
Section -5	Marching: Length of Pace and Time of Marching, Marching in Quick Time and Halt, Slow March and Halt
Section -6	Turning at the March and Wheeling
Section -7	Saluting at the March
Section -8	Individual Word of Command
Section -9	Side ace Forward and to the Rear
Section -10	Marking Time Forward Halt in Quick Time and Changing Step
Section -11	Formation of Squad ad Squad Drill
Record Book	
1	Visit Historical Place and Fort
2	Visit to Vradhaashram
3	Social Service
4	Anti Dowry
5	Terrorism - Problem of India's Internal Security

Note :

1. Each Paper is comparison of 30 marks Practical Syllabus and 10 marks Record Book & Viava.

**Syllabus of B.A. Semester System
Semester - IV
Military Science Practical Examination Test
2010-11**

CHAPTER - I MAP READING	
Section -1	Introduction of Map Reading
Section -2	Scale
	Gird System
	Service Protractor
	Romer
Section -3	Prismatic Compass, setting of Map, finding North, Find own position on the Map
Section -4	Night March
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CHAPTER -II LEADER SHIP	
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Record Book			
	Visit Historical Place and Fort		
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Reference : NCC Hand Book