



SWAMI RAMANAND TEERTH  
MARATHWADA UNIVERSITY, NANDED

**B. A. First Year**

**MILITARY SCIENCE**  
**Syllabus**  
**Semester Pattern**

**(with effect from June 2013)**

**Revised Syllabus for  
B.A. First year Military Science  
for Semester I and II – 2013**

The following shall be the scheme for examination and teaching for  
Military Science optional subject for B.A. First Year.

Sem-ester	Paper No.	Name of the Paper	Type of the Paper	Number of Periods per week	University Exam Marks	Internal Exam Marks	Mark Each Paper
Sem-I	I	History of Indian War Techniques	Theory (MCQ) One Hour	04	40	10	50
	II	Practical	Practical	04	50	--	50
Sem-II	III	History of Indian War Techniques	Theory (MCQ) One Hour	04	40	10	50
	IV	Practical	Practical	04	50	--	50

- Note:**
1. Practical Batch should not be consisted more than 24 students for B.A. First Year.
  2. One Practical should be 0.50 Hours.

**B.A. First Year Semester Pattern – 2013**  
**Military Science**  
**Semester – I**

**Paper-I: History of Indian War Techniques**

**Marks: 50**

---

1. Military system during Epic period.
  - a) Types of War                      b) Formations/Organisation
  - c) Strategy and Tactics
2. Comparative study of Indo-Greek art of war.
  - a) Introduction
  - b) Battle of Zehlum (BC 326)
    - Causes, Military Strength, War Planning, Battle Action, Effects, Lessons from the Battle, Use of Principles of War.
3. War Philosophy of Kautilya.
  - Introduction, Military Organisation, Weapons, War Marching and War Office, Forts, War System, Types of War, Defence and Security, Inter State Relations (Mandal Theory)
4. Rajput and Turk Military System.
  - a) Introduction
  - b) Battle of Somnath
  - c) Battle of Terrain (I and II)
    - Causes, Military Strength, War Planning, Battle Action, Effects, Lessons from the Battle.
5. Mughal Military System.  
(special reference to battle of Panipat I)
  - Introduction, Causes, Military Strength, War Planning, Battle Action, Effects, Lessons from the Battle.

\* \* \*

**B.A. First Year Semester Pattern – 2013**  
**Military Science**  
**Semester – I**

**Paper-II: Practical**

**Marks 50**

1. Drill without Arms
  - a) What is drill
  - b) Arms of drill
  - c) Foot drills
  - d) Drill Movements
    - i) Savdhan (Attention)
    - ii) Vishram (Stand of easy)
    - iii) Aram Say (Stand easy)
    - iv) Tej Chal (Quick March)
    - v) Thum (Halt)
- OR
- Home Nursing (Only For girls)
2. Disaster Management
  - a) Meaning
  - b) Man and Disaster
  - c) Importance of disaster – management
3. Yogasan
  - a) Historical development
  - b) Importance of Yoga
  - c) Types of Yoga
4. Warfare Tactics
  - a) Greek Period (B.C. 326)
  - b) Kautilya Period
  - c) Rajput period (1991)

**Note:**

1. The students will have to attend the practicals prescribed by the institute.
2. Practical Batch should not be consisted more than 24 students for first semester B.A.
3. One practical should be 0.50 clock hours.

**Distribution of Marks (50)**

In this subject military sciences will be as under.

a) Practical	- 30
b) Oral	- 10
c) Record Book	<u>- 10</u>
	50

\* \* \*

**B.A. First Year Semester Pattern – 2013**  
**Military Science**  
**Semester – II**

**Paper-III: History of Indian War Techniques**

**Marks 50**

1. Battle of Haldi Ghat  
- Introduction, Causes, Military Strength, War Planning, Battle Action, Effects, Lessons from the Battle, Use of Principles of War.
2. Maratha Military System
  - a) Introduction
  - b) Shivaji's War Techniques  
- Battle of Pratapgadh  
- Battle of Purandar  
- Guerilla Warfare  
- Role of Shivaji's in Naval Foundation
3. Battle of Plassi (1757)  
- Introduction, Causes, Military Strength, War Planning, Battle Action, Effects, Lessons from the Battle, Use of Principles of War.
4. Battle of Panipat – III (1761)  
- Introduction, Causes, Military Strength, War planning, Battle Action, Effects, Lessons from the Battle. Use of Principles of War.
5. Battle of Assai (1803)  
- Introduction, Causes, Military Strength, War Planning, Battle Action, Effects, Lessons from the Battle, Use of Principles of War.

**References (Semester I and II)**

1. War in Ancient India – Sing.
2. Indian Military – It's history and development – S.T. Das
3. Kautilya Arthashastra – K.P. Kargley.
4. Administration of the Mughal Empire – Quereshi
5. Kurushetra War – A Military Study – P. Sen Sharma.
6. Generalship of Alexander the Great – J.F.C. Fuller
7. Military History of India – S.N. Sarkar.
८. कौटिलीय अर्थशास्त्र – ज.द. जोगळेकर
९. भारतीय युद्धकला – मे. एल्फ्रेड डेव्हिड अनु. ए.डी. चोपडा
१०. पानीपत ते पानीपत – डॉ. सुधाकर देशपांडे
११. भारतीय युद्धकला – सोनवणे, चौधरी, जाधव, पाटील सौंदरणे, सुतार
१२. भारतीय सैन्य इतिहास और युद्ध के सिद्धांत – डॉ. लल्लनजी सिंह और युद्ध के सिद्धांत

\* \* \*

**B.A. First Year Semester Pattern – 2013**

**Military Science**

**Semester – II**

**Paper-IV: Practical**

**Marks 50**

---

1. Drill without Arms
  - a) Words of commands
  - b) Marching in quick time and halt.
  - c) Drill Movements
    - i) Savdhan (Attention)
    - ii) Vishram (Stand of easy)
    - iii) Aram Say (Stand easy)
    - iv) Tej Chal (Quick March)
    - v) Thum (Halt)
    - vi) Dahine Mur (Right Turn)
    - vii) Baen Mur (Left Turn)
    - viii) Piche Mur (About Turn)
    - ix) Line Tour (Falling out)
    - x) Visarjan (Dismiss)

OR

Home Nursing (Only For girls)

2. Disaster Management
  - a) Scope of Disaster
    - i) Earth quake
    - ii) Flood
    - iii) Protection of fire
  - b) Cyclone
  - c) Tsunami
  - d) Heavy Rain
  - e) Famine
3. Yogasan
  - a) Yoga and Physical Fitness
  - b) Types of Yoga
4. Warfare Tactics
  - a) Mughal Period
  - b) Maratha Period

**Note:**

1. The students will have to attend the practicals prescribed by the institute.
2. Practical Batch should not be consisted more than 24 students for first year Second semester B.A.
3. One practical should be 0.50 clock hours.

**Distribution of Marks (50)**

In this subject military sciences will be as under.

- |                   |             |
|-------------------|-------------|
| a) Practical/Oral | - 40        |
| b) Record Book    | <u>- 10</u> |
|                   | 50          |

**References (Semester I and II)**

1. Hand Book of N.C.C. (English and Hindi)
2. Shivaji and the Maratha Art of war – M.B. Deopujari
3. War and Environmental Security - Parasuram Gupta
४. आपत्ती व्यवस्थापन : कर्नल (नि.) प्र.प्र. मराठे, प्रा. व्ही.जे. गोडबोले.
५. भारतीय युद्धशास्त्राची उपेक्षा – ज.द. जोगळेकर
६. कौटिल्य का युद्धदर्शन – डॉ. लल्लनजी सिंह
७. भारतीय युद्धकला – मे. एल्फ्रेड डेव्हिड

\* \* \*

**B.A. First Year Semester Pattern – 2013**  
**Military Science**  
**MCQ Question Paper Pattern for Semester System**

**Time: 2.00 Hours**

**Marks: 50**

---

1. Fill in the blanks
2. Questionnaire
3. Odd man/elements out
4. True or False
5. Chose correct pair

\* \* \*