

**SWAMI RAMANAND TEERTH MARATHWADA  
UNIVERSITY, NANDED**

**B.A. First Year**

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

**Effective From June 2009**

**Revised Syllabus for B.A. First year Military Science for Semester I and II – 2009.**

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

	Paper No.	Name of the Paper	Type of the Paper	Number of Periods per week	Mark Each Paper
Sem – I	I	Evolution of Indian war Techniques	Theory (Written) Two Hours	04	50
	II	Practical	Practical	04	50
Sem – II	III	Evolution of Indian war Techniques	Theory (Written) Two Hours	04	50
	IV	Practical	Practical	04	50

Note: 1. Practical Batch Should not be consisted more than 21 students for B.A. First Year.

2. One Practical Should be 0.50 Hours.

**B.A. First Year Semester Pattern – 2009**

**Military Science**

**Semester – I**

**Paper – I Evolution of Indian War Techniques**

**Marks 50**

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1. Evolution of War Techniques
  - a) Concept of War
  - b) Elements and Tools
  - c) Armed Forces
  - d) Weapons and war Tactics.
2. War during Epic period
  - a) Types of War
  - b) Formations/Organisation
  - c) Strategy and Tactics
3. Battle of Zehlum/Hydaspus (BC326)
  - Introduction, Causes, Military Strength, War Planning, Battle Action, effects, lessons from the Battle, Use of Principles of War.
4. War Philosophy of Kautilya
  - Introduction, Military Organization, Weapons, War Marching and War Office, Forts War System, Types of War, Defence and Security, Inter State Relations (Mandal Theory)
5. Battle of Terrain Phase I and II (1991-92)
  - Introduction, Causes, Military Strength, War Planning, Battle Action, Effects, Lessons from the Battle.

**B.A. First Year Semester Pattern – 2009**  
**Military Science**  
**Semester – I**

**Paper – II Practical**

**Marks 50**

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1. Drill without Arms
  - a) What is drill
  - b) Arms of drill
  - c) Food 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. Yoga sane
  - a) Historical development

- b) Importance of Yoga
- c) Types of Yoga
  - i) Suryanamskar
  - b) Shirshasan

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 21 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 – 2009**  
**Military Science**  
**Semester – II**  
**Paper – III Evolution of Indian War Techniques      Marks 50**

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1. Battle of Panipat – I (1526)
  - Introduction, Causes, Military Strength, War Planning, Battle Action, Effects, Lessons from the Battle, Use of Principles of War.
  
2. Battle of Haldighat (1576)
  - Introduction, Causes, Military Strength, War Planning, Battle action, effects, lessons from the Battle, Use of Principles of war.
  
3. Battle of Plassi (1757)
  - Introduction, Causes, Military Straght, War Planning, Battle Action, Effects, lessons from the Battle, Use of Principles of war.
  
4. Battle of Panipat – III (1761)
  - Introduction, Causes, Military Strenght, 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 Alexandar the Great – J.F.C. Fuller
7. Military History of India – S.N. Sarkar.
8. dksVYkh; vFKZ KL= & t-n- tlxGdj
9. Hkkjrh; ; qndyk & es, YÝM Mf0gM vuq, -Mh-pki Mk
10. ikfuir rsikfuir & MKW l qkdj ns ki kMs
11. Hkkjrh; ; qndyk & lso.k\$ p\$kh] tk/ko] ikVvy l k\$ k\$ l qkj-

**B.A. First Year Semester Pattern – 2009**  
**Military Science**  
**Semester – II**

**Paper – IV Practical**

**Marks 50**

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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. Yoga sane

- a) Yoga and Physical Fitness
- b) Types of Yoga
  - i) Dhanurasan                      ii) Padmasans
  - iii) Shavasans

4. Warfare Tactics

- a) Mughal Period (1526)
- b) Maratha Period (1761)

Note:

- 1. The students will have to attend the practicals prescribed by the institute.
- 2. Practical Batch should not be consisted more than 21 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	-	$\frac{10}{50}$

**References (Semester I and II)**

1. Hand Book of N.C.C. (English and Hindi)
2. vkirrh 0; oLFki u % duzy ¼u-½ iziz ejkBJ ik-0gh-ts xMckys
3. Hkjr; ; qn'kl=kph mi\$kk & t-n- tkGdj
4. Shivaji and the Maratha Art of war – M.B. Deopujari
5. dWY; dk ; qn'ku & MMYyuth fl g
6. Hkjr; ; qndyk & es, YÝM M60gM-

**B.A. First Year Semester Pattern – 2009**  
**Military Science**  
**Question Paper Pattern for Semester System**  
**Time : 2.00 Hours** **Marks 50**

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Q. 1 Long answers Question 10

OR

Long answer Question

Q. 2 Long answers Question 10

OR

Long answer Question

Q. 3 Long answers Question 10

OR

Long answer Question

Q. 4 Long answers Question 10

OR

Long answer Question

Q. 5 Short Notes (any two) 10

i)

ii)

iii)

iv)