

*Swami Ramanand Teerth  
Marathwada University,  
Nanded*

**B.A. Third Year  
Military Science**

**Syllabus**

**Semester Pattern**

**Effective From June 2011**

**Revised Syllabus for B.A. Third Year**  
**(Semester Pattern)**

**Military Science**

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

**Semester - V**

Paper No.	Name of the Paper	Type of the paper	Number of Periods per Week	Internal Marks	External Marks	Mark Each Paper
IX	India's National Security	Theory	04	10	40	50
X	Modern Warfare <u>OR</u> Geopolitics and Military Geography	Theory	04	10	40	50
XI	Practical	Practical	04	--	--	50

- Note: 1) One Practical batch should not be consisted more than 15 student for B.A. Third Year.  
2) One Practical period should be 0.50 Hours

## Semester - VI

Paper No.	Name of the Paper	Type of the paper	Number of Periods per Week	Internal Marks	External Marks	Mark Each Paper
XII	India's National Security	Theory	04	10	40	50
XIII	Modern Warfare <u>OR</u> Geopolitics and Military Geography	Theory	04	10	40	50
XIV	Practical	Practical	04	--	--	50

- Note: 1) One Practical batch should not be consisted more than 15 student for B.A. Third Year.  
2) One Practical period should be 0.50 Hours

**B.A. III Year**  
**Semester - V**  
**Paper - IX**  
**India's National Security**

**Marks 50**

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**1. National Security**

- Meaning and concept
- Scope of National Security
- Traditional and Non-Traditional Security
- Comprehensive Security
- National Interest

**2. National Security Problems**

- **Internal:** Social, Political, Economical
- **External:** Neighbour Countries

**3. India's National Power**

- Meaning
- Elements of National power Geographical, Natural Resources population, Military Capability, Science and Technology, Economic system, Political System, Moral, Leadership.

**4. India's Foreign Policy**

- Objectives
- Basic Principles
- India's foreign policy after – 1947.

**5. India's Defence Policy**

- Capability factor – the Military
- Modernisation factor

## REFERENCES

- Nuclear Proliferation and National Security – K.Subramayam
- India's Defence Policy – Gautum Sen
- Foreign Policy of India – K.P. Mishra
- National Security Problems in India – L.R. Singh
- India-China border dispute – Dr.M.L. Sali
- Ethnic Conflict in Srilanka – Dr. P.A. Ghosh.
- राष्ट्रिय रक्षा और सुरक्षा – डॉ.लल्लनजी सिंह
- राष्ट्रिय सुरक्षा – डॉ.अशोककुमार सिंह
- आंतरराष्ट्रीय राजनिती – डॉ.बी.एल. फाडिया
- आंतरराष्ट्रीय संबंध – डॉ.वसंत रायपूरकर
- राष्ट्रिय सुरक्षा – डॉ.व्ही.वाय.जाधव/पाटील
- भारताची राष्ट्रिय सुरक्षा – ए.पी.चौधरी
- भारताचे परराष्ट्रीय धोरण व राष्ट्रिय सुरक्षितता – डॉ.मांढरे,  
प्रा.तोडकर.
- जागतिक राजकारणात भारत – डॉ.विजय खरे
- डोमेल ते कारगिल – मे.ज.शशिकांत पित्रे.
- श्रीलंकेची संघर्षगाथा – मे.ज.शशिकांत पित्रे
- हिंदी महासागराचे आव्हान – डॉ.भा.गो.बापट
- मराठी विश्वकोष खंड १२ – म.राज्य.मंडळ.

**B.A. III Year**  
**Semester - V**  
**Paper - X**  
**Modern Warfare**

**Marks 50**

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**1. WAR**

- Meaning, Definition
- Scope
- Causes
- Principles
- Effects

**2. CONVENTIONAL WARFARE**

- Meaning
- Concept
- Limited war
- Total war

**3. NUCLEAR WARFARE**

- Meaning
- Concept
- Developments
- 1945 Nuclear War

**4. CHEMICAL WARFARE**

- Meaning
- Objectives
- Types
- Effects

## 5. ELECTRONIC WARFARE

- Meaning
- Aspect

## REFERENCES

1. On War (Ed.) Clausewitz (London 1968)
2. The Principles of War – Foch Ferdinand
3. India and Nuclear Challenge – K.Subramanyam
4. Strategy in the Missile Age – Brodie B.
5. Contemporary Military Strategy – Halperin Morton
6. Nuclear war and Nuclear Pease – Harkabi Y.
7. Guerilla Warfare – Mao – Tse – Tung
8. Machine Warfare – Fuller J.F.C.
9. A Hundred Years of war – Cyrill Fall
10. Causes of war – Baileys G.
११. राष्ट्रीय सुरक्षा — डॉ.अशोकजी सिंह
१२. राष्ट्रीय सुरक्षा — डॉ.लल्लनजी सिंह
१३. युध्द और शांतिकी समस्यायें — डॉ.लल्लनजी सिंह
१४. सामरिकशास्त्र — डॉ.श्रीकांत परांजपे
१५. आधुनिक युध्दपध्दती — डॉ.चौधरी ए.पी.
१६. युध्दविज्ञान — प्रा.चौधरी ए.पी.

**B.A. III Year**

**Semester - V**

**Paper – X**

**OR**

**Geo-Politics and Military Geography**

**Marks 50**

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**1. Geo-Strategy**

- a) Meaning, Definition and concepts
- b) Scope and Importance
- c) Usage of Geostrategy

**2. Geo-Strategical Minerals**

- a) **Importance** – Coal, Iron, Copper, Bauxite, Manganese, Uranium, Gold and Silver.
- b) Usage of Geostrategical Minerals
- c) Geostrategical Importance of Western – Asia
- d) Geo strategical importance of oil, Petrol, Natural Gas & Atomic Energy.

**3. Geo Strategic Importance**

- a) Diego – Garcia
- b) Andaman – Nikobar
- c) J & K, Afghanistan.

**4. Geo-Strategical Importance of Himalayan States Nepal, Butan.**

**5. Geo Strategical Issues of India**

- a) Northern Border
- b) Western Border
- c) Maritime Boundries.

## REFERENCES

1. Peter Louis and P.G. Etzel, Military Geography.
2. Jaggitsing, Air power.
3. Jufferies Williams, Geography and National power.
4. Das S.T., Geographical Studies in Defence Strategy.
5. Bhagwat A.V., Lashkari Bhugol.
6. Khus Khor, War Potential of Nations.
7. Harmidi, Systematic Political Geography.
8. Sing Sukwant, Defence of Indian Western – Border.
9. Sukwal B.L., A Political Geography.

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**B.A. - III Year**

**Semester – V**

**Paper – XI**

**Practical**

**Marks - 50**

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1.	Drill	20
2.	Obstacles	10
3.	Oral	10
4.	Project Work/Report	10

**Note:**

- One Practical Period 0.50 Minute
- One Practical batch should not be more than 15 students.

**REFERENCES**

१. हॅन्ड बुक ऑफ एन.सी.सी. — इटावा प्रकाशन.

**B.A. III Year**  
**Semester - VI**  
**Paper - XII**  
**India's National Security**

**Marks 50**

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- 1. India's Nuclear Policy**
  - After 1947
  - C.T.B.T.
- 2. India and Indian Ocean**
  - Geographical and Strategic Importance
  - Naval Power's in Indian Ocean
  - India's Ocean Policy
- 3. India and SAARC**
  - Objectives
  - SAARC Conference's
  - India's Role in SAARC
- 4. India and it's Neighbours**
  - Indo-Pak Relation – Focus on Kashmir
  - India-Srilanka – Tamil Problem
  - India – Bangladesh – Border Problem
  - Indo-China – Border dispute
- 5. India and US, Russia**

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**B.A. III Year**  
**Semester - VI**  
**Paper - XIII**  
**Modern Warfare**

**Marks 50**

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**1. COLD WAR**

- Meaning and Definition
- Causes
- Military Organisation's : NATO, WARSA, CENTO, SEATO

**2. MISSILES**

- Concept
- Types of Missiles
- India's Missiles programme
- Missiles of USA, Russia, China, Pakistan

**3. GUERRILLA WARFARE**

- Meaning and Concept
- Principles and Characteristics
- Contributors to the Guerilla war Shivaji and Mao.

**4. BIOLOGICAL WARFARE**

- Meaning
- Objectives
- Types
- Effects

## 5. PSYCHOLOGICAL WARFARE

- Meaning
- Objectives
- Elements
- Effects

## REFERENCES

1. On War (Ed.) Clausewitz (London 1968)
2. The Principles of War – Foch Ferdinand
3. India and Nuclear Challenge – K.Subramanyam
4. Strategy in the Missile Age – Brodie B.
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**B.A. III Year**  
**Semester - VI**  
**OR**  
**Paper -XIII**  
**Geo-Politics and Military Geography**

**Marks 50**

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**1. Geo Politics**

Meaning, Defination & Concepts

- a) Objectives, Nature and Scope
- b) Importance of Geo Politics (Peacetime & Wartime)

**2. Evolution of Geopolitical Thoughts**

- a) Machinder's Heartland Theory and Its Criticism
- b) Admiral mahan's Sea- Power Theory Dr.Karl Houshofer.
- c) Dohet

**3. Military Geography**

- a) Meaning, Defination
- b) Scope, Concept and Uses.
- c) Principal of Military Geography
- d) Importance of Military Geography

**4. Geographical Factors Affecting War**

- a) Location
- b) Climate
- c) Boundaries
- d) Topography
- e) Shape
- f) Size

## **5. Impact of Geography of Military – Operations**

- a) Land, Air & Sea
- b) Logistics - Concept, Principles, Resources & Problems in Plain, Desert, Jungle, High Altitudes Area, River Crossing, Sea & Air.

## **REFERENCES**

1. Peter Louis and P.G. Etzel, Military Geography.
2. Jaggitsing, Air power.
3. Jufferies Williams, Geography and National power.
4. Das S.T., Geographical Studies in Defence Strategy.
5. Bhagwat A.V., Lashkari Bhugol.
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**B.A. - III Year**

**Semester – VI**

**Paper – XIV**

**Practical**

**Marks - 50**

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1. Drill	20
2. Obstacles	10
3. Visit to Military Area / Forts	10
4. Record Book	10

**Note:**

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