

**DR. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD**



Military Science

Syllabus of

B.A. III Year

[Semester – V & VI]

[Effective from June – 2011 & onwards]

Dr. Babasaheb Ambedkar Marathawada Univercity, Aurangabad.

Military Science – Semester Pattern Revised Syllbus for B.A. III Year - 2011

Military Science subject treated the practicle subject. As per scheme of examination, This Subject scheme of marking is as below.

Each course 100 marks should be divided in to 30+30+40 & 30+30 marks for theory & 40 marks for practicle.

Semester – V Subsidry Paper

Paper No.	Tital of the Paper	Scheme of Evaluation Marks		
		Theory	Practical	Total
XI	Global Security Part – I	30	-	30
X	Indias & his Neighbour Part – I	30	-	30
XI	Practical	-	40	40
Total Marks		-	-	100

Semester – V
Military Science Subsidiary
Paper No. IX
Globe Security (Part – I)

Mark – 30

1. National Security –
 - a) Concept
 - b) Resent Trend
 - c) Traditional Security & Non traditional Security.
2. Decline of Cold War and Emergence of New World Order
 - a) Meaning & Concept
 - b) Causes
 - c) Effects
3. Economic Regional Organisation and Security
 - a) ASEAN
 - b) OPEC
 - c) EU
 - d) IOR
 - e) SAARC
4. Problem of word Peace and Security –
 - a) Weapons of Mass Destruction
 - b) (W M D) Missile Defence
 - c) Proliferation of Small Arms.

5. Globalisation and Security –

- a) Meaning & Concept
- b) Migration & Refugees

Semester – V
Military Science Subsidiary
Paper No. X
India and her Neighbors (Part – I)

- 1) India – Geostrategic Location and it's significance
- 2) Study of India's Borders
 - a) Land Border
 - b) Maritime Border
- 3) India's National power
 - Leadership, Defence preparedness, Population, Industrial Capacity, Nature Resources, Science and Technology
- 4) India and Pakistan
 - Historical Background
 - Indo-pak Wars
 - Issues Between India - Pakistan
- 5) India and China
 - Historical Background of Border dispute
 - Indo – China war 1962
 - Tibet Issue

Semester – V
Military Science Subsidiary
Paper No. XI
Practical

Mark - 40

1. Drill	-	20
2. Obstacles	-	10
3. Project Report, Oral	-	10

REFERENCES

१. हॅन्ड बु ऑफ एन.सी.सी. - इटावा प्र ाशन.

Military Science – B.A. III Year

Semester – V Main Paper

Paper No.	Title of the Paper	Scheme of Evaluation		
		Marks		
		Theory	Practical	Total
XII	Geopolitics And Military Geography Part – I	30	-	30
XIII	Contemporary Study of War and peace Part – I	30	-	30
XIV	Practical	-	40	40
Total Marks		-	-	100

Semester – V
Military Science Main
Paper No. XII
Geopolitics And Military Geography (Part – I)

Mark - 30

1. Geostrategy –
 - a) Meaning, Definition and Concepts.
 - b) Scope and Importance.
 - c) Usage of Geostrategy.
2. Geostrategical Minerals –
 - a) Importance – Coal, Iron, Copper, Bauxite, Manganese, Uranium, Gold and Silver.
 - b) Usage of Geostrategical Minerals
 - c) Geostrategical Importance of Western Asia.
 - d) Geostrategical importance of oil, Petrol, Natural Gas, and Atomic Energy.
3. Geostrategic Importance –
 - a) Diego – Garcia.
 - b) Andaman, Nikobar.
 - c) J & K, Afghanistan.
4. Geostrategical Importance of Himalayan States Nepal, Bhutan.

5. Geostrategical Issues of India.

- a) Northern Border.
- B) Western Border.
- c) Maritime Boudries.

Semester – V
Military Science Main
Paper No. XIII
Contemporary Study of War and Peace (Part – I)

Mark – 30

1. Changing International Environment Since World War – II
 - a) Increasing Importance of Military Power.
 - b) Technological power and Increasing Compulsion.
 - c) Political power and Increasing Compulsion.
 - d) Economic Power and Increasing Compulsion.

2. Cold War.
 - a) Meaning,
 - b) Concept,
 - c) Scope.

3. Detentc.
 - a) Meaning, Causes
 - b) Nature,
 - c) Evaluation.

4. Deterrence..

- a) Meaning, Definitions, Strategy.
- b) Requirements of Deterrence – Communication, Capability, Credibility.
- c) The Efficiency of War.
- d) The Theory of Nuclear Deterrence.

5. Balance of Power.

- a) Meaning, Definition, Objectives.
- b) Deferent Forms of Balance of Power.
- c) Ways of Techniques of Maintaining balance.
- d) Balance of Power Today.

Semester – V
Military Science Main
Paper No. XIV
Practical

Mark – 40

1. Drill without Arms

- i) Savdhan (Attention)
- ii) Vishram (Stand of easy)
- iii) Aram Se (Stand easy)
- iv) Tej Chal (Quick easy)
- v) Thum (Halt)
- vi) Dahime Mur (Right Turn)
- vii) Baen Mur (Left Turn)
- viii) Piche Mur (About Turn)
- ix) Sene Ka Salute
- x) Patra Ke Sath Salute
- xi) Line Tour (Falling Out)
- xii) Visarjan (Dismiss)

OR

Home Nursing (Only For Girl's)

2. First Aid

- i) Importance of First Aid.
- ii) Hart Attack
- iii) Snake Bite
- iv) Posion
- v) Dog Bite

3. Making of Models

- i) Fighter Plane.
- ii) Battle Ship.
- iii) Rader
- iv) Submarine
- v) Tank
- vi) Missile
- vii) Computer
- viii) Helicopter

Distribution of Marks	40
i) Practical	20
ii) Making of Model	10
iii) Record Book	10
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Total	40
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Military Science – B.A. III Year

Semester – VI Subsidiary Paper

Paper No.	Title of the Paper	Scheme of Evaluation		
		Marks		
		Theory	Practical	Total
XV	Global Security Part – II	30	-	30
XVI	Indias & his Neighbour Part – II	30	-	30
XVII	Practical	-	40	40
Total Marks		-	-	100

Semester – VI
Military Science Subsidiary
Paper No. XV
Globe Security (Part – II)

Mark - 30

1. Environment & Security –
 - a) Pollution (Rio And other Conferences)
 - b) Global Warming
 - c) Water Security.
2. Organised Crime –
 - a) Terrorism
 - b) Drug Trafficking
 - c) Cyber Crime.
3. Technology and Security –
 - a) Patents
 - b) Intellectual Property Rights
4. National Development and Crises –
 - a) Enconomic
 - b) Energy
 - c) Ethnic
5. Human Development and Security –
 - a) Health – HIV/AIDS, Infection Disease, Mental Engincering, Diabetics.
 - b) Food.

Part – I & II

References –

1. Balan K The Millennium Thoughts challenges to service.
2. Karn Margaret P. Mingst, International organization The political & Process of Global Governance.
3. Mishra Brijaylaxmi, United Nations and Security Challenges in New Millennium.
4. Morgenthau Hans. J., Politics Among Nations.
5. Robert H Allen, Enhancing United Nations, Peace Keping in Chadock F Alger Ed, The future o the UN system: Potential for the Twenty first Century.
6. Sing Jasjit, United Nations Peace Keeping Operation, The challenges of change in Regan MS Ed, UN 50 and beyond.
7. Sing Jasjit, India Sixth State with Nuclear Weapons.
8. Shastri M. N, Introduction to Environment.
9. United Nations Blue Book Series.
10. (Various) Human Development Reports.
11. Landmine Monitor Reports.
12. Geneva Small Arms Survey Reports.
13. Report of Third UN Conference of the Exploration and peaceful use of the Outer Space.
14. International Narco Control Report.
15. UN Annual Reports (Various)
16. Patil V.T, Trivedi P.R. Migration, Refugecs and Security in 21st Cetury.

Semester – VI
Military Science Subsidiary
Paper No. XVI
India and her Neighbours (Part – II)

Mark - 30

1. India and Himalayan Kingdoms.
 - a) Nepal – Historical Background
 - Present Status of Indo-Nepal friendship
 - India's role in Nepal's developments
 - b) Bhutan – Historical Background
 - Present Status in Bhutan development
2. India and Bangladesh
 - India's role in Independence
 - Issues in indo-Bangladesh relation
3. India & Myanmar
 - Historical Linkage
 - Areas of Co-operation
4. Indo & Shri Lanka
 - Historical, Socio-cultural linkage
 - Ethic conflict and Indi's role
5. India & SAARC

Part – I & II

Reference Books :

1. Dr. P.A. Ghosh – Ethic Conflict in Shri Lanka & Role of IPKe. Ashish Publishing corporation, New Delhi – 1999.
2. Dr. M.L. Sali “India-China Border Dispute” Ashish publishing corporation, New Delhi – 1998.
3. India and it’s army – by Rajesh Kadian, New Delhi – vision.
4. India and South Asia – Semour fresh Newyork – Macmillan – 1965.
5. India and Shi lanka – China Relation – by Vijay Kumar New Delhi – Uppal.
6. Goldstein Joshua International Relations.
7. Williams Mare (ed) Intemational Relation in the Twentieth century A reader (London ; Macmillian – 1989)

Semester – VI
Military Science Subsidiary
Paper No. XVII
Practical

Mark - 40

1. Map Reading
 - i. World Map
 - ii. Importance of Map
 - iii. Identify of Conventional Signs.

2. Citizen
 - i) Elements of Good Citizen
 - ii) Duties of Citizen
 - iii) Leadership

3. Obstacles

4. Submission of Project Report.
 - Related to India's Security Problem (any)
 - Distribution of Marks - 40
 - i) Practical - 20
 - ii) Submission of Project Report - 10
 - iii) Record Book - 10

40

References (Paper No. XIV & XVII)

1. Hand Book of N.C.C.
2. A text book of Military Training – Major D.D. Mehta.
3. एन.सी.सी. परिचय एवं प्रशिक्षण डॉ. विष्णु शर्मा
4. यो 1, प्रथमोपचार आणि आरोग्य शिक्षण - प्रा. इंदो

Military Science – B.A. III Year

Semester – VI Main Paper

Paper No.	Title of the Paper	Scheme of Evaluation Marks		
		Theory	Practical	Total
XVIII	Geopolitics And Military Geography Part – II	30	-	30
XIX	Contemporary Study of War and peace Part – II	30	-	30
XX	Practical	-	40	40
Total Marks		-	-	100

Semester – VI
Military Science Main
Paper No. XVIII
Geopolitics & Military Geography (Part II)

Mark – 30

1. Geopolitics –
 - a) Meaning, Definition & Concepts.
 - b) Objectives, Nature and Scope.
 - c) Importance of geopolitics (peace time & war time)
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) Locaion
 - b) Climate
 - c) Boundaries
 - d) Topography

- e) Shape
 - f) Size.
5. Impact of Geography on Military Operations
- Land, Air & Sea.
- a) Logistics – Concept, Principles, Resources & Problems in Plain, Desert, Jungle, High Altitudes Area, River Crossing, Sea & Air.

Part – I & II

REFERENCES :

1. Peter Louis and P.G. Etzel, Military Geography.
2. Jagditsing, 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 Koor, War Potential of Nations
7. Harmidi, Systematic Political Geography
8. Sing Sukwant, Defence of Indian Western Border.
9. Sukwal B.L. A Political Geography,
10. Sali M.L. Military Geography.

Semester – VI
Military Science Main
Paper No. XIX
Contemporary Study of war and Peace (Part II)

Mark – 30

1. Collective Security.
 - a) Meaning & Definitions.
 - b) Foundations Collective Security.
 - c) Collective Security and Collective Defence.
 - d) Evaluation.
2. Non Alignment.
 - a) Meaning
 - b) Development.
 - c) Evaluation.
3. Disarmament and Arms Control.
 - a) Definitions, Nature.
 - b) Types.
 - c) Disarmament in Nuclear Contest.
 - d) Evaluation.
4. Science, Technology and National Power.
 - a) Meaning.
 - b) Atomic & Nuclear Technology.
 - c) Uses of Nuclear Technology.
 - d) Misuse of Nuclear Technology.

e) Nuclear Power for Civil Use.

5. Peace Research.

a) Meaning.

b) Concept.

c) Trends of Peace Research.

Part – I & II

REFERENCES :-

1. Calvocovessi Peter – World Politics Science 1945.
2. Halperin Morton – Contemporary Military Strategy.
3. Maurice Clark – Reading in the Economics of War.
4. Prodie R-Strategy in the missile Age.
5. Dr. Lallanji Singh – Rashtriya Raksha aur Suraksha.
6. Dr. Ashok Kumar Singh – Rashtriya Suraksha.
7. Lallanaji Singh – Strategic Adhyayan.
8. Krushna Kumar Rattu – Bhartiy Parmanu Parikshan aur Nirstrikan.
9. Dr. Ashok Kumar Singh – Adhunik Strategic Vichardhara.
10. Dr. Vasant Raipurkar – Anterrashtriya Sambandh.
11. Morgenthau Hence, Politics Among Nations.
12. Panikar K.M., Geographical factors in Indian History.
13. Parmer and Parkins, International Relations.

Semester – VI
Military Science Main
Paper No. XX
Practical

Marks – 40

1. Drill	-	20
2. Visit Military Area / Forts.	-	10
3. Record Book.	-	10

REFERENCES :

१. हॅन्ड बु ऑफ एन.सी.सी. - इटावा प्र ाशन.