

**NORTH MAHARASHTRA UNIVERSITY, JALGAON**

**SYLLABUS FOR T.Y.B.A.**

**DEFENCE AND STRATEGIC STUDIES**

(w.e.f. June-2004)

**STRUCTURE**

1. NATIONAL SECURITY (GLOBAL CONTENT) - G3

**OR**

INTERNATIONAL RELATIONS - G3

2. DEFENCE ORGANISATION OF INDIA (S-3)

**OR**

MARATHA ART OF WARFARE (S-3)

3. DEFENCE FINANCE AND PRODUCTION (S-4)

**OR**

EVOLUTION OF WARFARE (S-4)

**Aims and Objectives :**

1. To study the Defence and National Security of India.
2. To make the student aware of Defence and Strategic Studies.
3. To provoke patriotism in students through study of historical wars, historical personalities and military thinkers.
4. To update the knowledge about modern weapons, war techniques, strategy and foreign policy.
5. To collect the information through electronic media and new techniques about the War Planning.

**NORTH MAHARASHTRA UNIVERSITY, JALGAON**  
**DEFENCE AND STRATEGIC STUDIES**  
**GENERAL PAPER-III**  
**TITLE : NATIONAL SECURITY-G3**  
**(GLOBAL CONTEXT)**  
**(w.e.f. June-2004)**

**PART-I**

- |    |   |      |
|----|---|------|
| 1. | <b>Reorganisation of States and the New International Economic Order</b><br>a) Europe<br>b) Asia<br>c) Africa<br>d) America           | [08] |
| 2. | <b>Nuclear Proliferation and Missile Technology</b><br>a) Test Ban Treaty<br>b) N.P.T.<br>c) C.T.B.T.                                 | [10] |
| 3. | <b>Regional Organisations</b><br>a) ASEAN<br>b) OPEC<br>c) EU<br>d) SAARC   | [12] |
| 4. | <b>Role of U.N.O.</b><br>a) Disarmament and Arms Control<br>b) Contribution and work for maintaining International Peace and Security | [08] |
| 5. | <b>Role of World Trade Organisation - Multipolar Dialogues</b>  | [08] |

**PART-II**

- |    |  |      |
|----|--|------|
| 6. | <b>Civil Defence Services</b><br>a) Meaning, Utility, Methods<br>b) Organisation<br>c) Homeguards                                      | [10] |
| 7. | <b>The Laws of War and International Law</b><br>a) Prisoner of war<br>b) Blockade<br>c) Contraband goods<br>d) Piracy<br>e) End of War | [08] |

- (3)
8. **Development of Military Power** [10]
- a) India
  - b) Pakistan
  - c) China
  - d) Srilanka
  - e) U.S.
  - f) U.K.
9. **Strategic Arms Limitations** [10]  
**The Role of Mutual Deterrence**
10. **Role of Super and Major Power in South Asian Strategic Environment** [08]

## REFERENCES

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- Modern Warfare and Military Strategy - E. Dev.
- India's Security in 21st Century - Rajendra Prasad
- Military Conversion - D. Bhaskar Rao
- Nuclear Material (Issues and Concerns) - D. Bhaskar Rao
- History of Europe between Two World Wars - M. Ahmed
- Selected Documents on Nuclear Disarmament - K. R. Gupta
- Comprehensive Nuclear Test Ban Treaty - K. R. Gupta
- Defence - Challenger and Strategy - Tiwari
- State Police Organisation in India - Shah
- Defence Programmer of India - H. B. Mishra
- Information Warfare and Cyber Security - R. C. Mishra
- Regional Security in Southeast Asia and the South Pacific : Prospectus of Nuclear Free Zone - Amba Pande
- Security in South Asia Cross Border Analysis - Amba Pande
- Encyclopedia of War, Peace and Global Security - Sinha
- Bhartiya Pratiksha ka Vikas - Dr. Arun Patwari
- Rashtriya Raksha Aur Bhartiya Videsh Niti - Dr. Parshuram Gupta
- Rashtriya Suraksha Ke Muladhar - Dr. Baburam Pandeya
- Rashtriya Suraksha Ke Badalate Aayam - Dr. Baburam Pandeya

**NORTH MAHARASHTRA UNIVERSITY, JALGAON**  
**DEFENCE AND STRATEGIC STUDIES**  
**TITLE : INTERNATIONAL RELATIONS-G3**  
 (w.e.f. June-2004)

**PART-I**

- |           |  |             |
|-----------|--|-------------|
| <b>1.</b> | <b>Theories and Concepts</b>   | <b>[10]</b> |
|           | i) Realistic and Idealistic Theories                                       |             |
|           | ii) System Theory  |             |
|           | iii) Decision Making Theory  |             |
|           | iv) Game Theory  |             |
| <b>2.</b> | <b>Detente</b>   | <b>[08]</b> |
|           | i) Concept and Meaning of Detente  |             |
|           | ii) Decline of Cold War and Growth of Detente                              |             |
| <b>3.</b> | <b>UNO</b>   | <b>[10]</b> |
|           | i) Origin, Structure, Objective, Principles and Character of UNO           |             |
|           | ii) General Assembly - Structure, Powers and Functions                     |             |
|           | iii) Other Organs of UNO and their functions                               |             |
|           | iv) Contribution and work for maintaining International Peace and Security |             |
| <b>4.</b> | <b>The work of UNO for</b>   | <b>[12]</b> |
|           | i) Disarmament and Arms Control  |             |
|           | ii) UNO and Decolonization   |             |
|           | iii) UNO and Human Rights  |             |
| <b>5.</b> | <b>International Law</b>   | <b>[08]</b> |
|           | i) Extradiction  |             |
|           | ii) Asylum   |             |
|           | iii) Intervention  |             |
|           | iv) Treaties   |             |
|           | v) Neutrality  |             |

**PART-II**

- |           |   |             |
|-----------|---|-------------|
| <b>6.</b> | <b>New International Economic Order - Concept and Meaning - WTO</b> | <b>[08]</b> |
| <b>7.</b> | <b>Non-Alignment</b>  |             |
|           | i) Meaning and Concept  |             |
|           | ii) Role of Non-alignment in International relations                |             |

8. **International Terrorism - Meaning, Sources and Impact** [10]
9. **Problems of Peace and Security** [12]  
 i) Impact of Science and Technology on International Relations  
 ii) Nuclear Weapons and their Impact on International Relations  
 iii) War as an instrument of National Policy
10. **Peace Research and Conflict Resolution** [08]

## REFERENCES

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- International Relations - M.G.Gupta
- International Relations - Dr. B. L. Phadia
- International Relations -
- Politics among the Nations - Morgenthau
- Encyclopaedia of World Intelligence - Michel J. Bradshaw
- History of the Political and Military Transactions in India - H.T. Prinsep
- World Viewpoints on National Missile Defence- K. R. Gupta
- Bangladesh-Causes of Liberation war - Singh
- Nation in Crisis - Dimension of National Security and Terrorism - G. B. Reddy
- Migration, Refugees and Security in 21st Century - Y.T. Patil
- Challenges of Internal Security - Shah
- Samarika Shastra - Shrikant Paranjape
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- Antar-rashtriya Sambandh - Dr. Shantaram Bhogale
- Bhartachi Videsh Niti - Dr. Chandrashekhar Diwan
- Bhartachi Rashtriya Suraksha - A. P. Chaudhari, Sau. Archana Chaudhari
- Antar-Rashtriya Sambandh - Dr. B. I. Fadiya
- Vartaman Raksha Tantra - Dr. Parshuram Gupta
- Islamic Banka Bhartiya Vikalp- Dr. Ramsurat Pandeya

**MAHARASHTRA UNIVERSITY, JALGAON**  
**NOF DEFENCE AND STRATEGIC STUDIES**  
**TITLE : DEFENCE ORGANISATION OF INDIA (S-3)**  
**(w.e.f. Jun-2004)**

**PART-I**

- |    |  |      |
|----|--|------|
| 1. | <b>Military Organisation and Principles of Administration</b>  | [08] |
| 2. | <b>Reconstruction of Indian Armed Forces after 1947.</b><br>a) Reconstruction of the Army<br>b) Reconstruction of the Navy<br>c) Reconstruction of the Airforce  | [10] |
| 3. | <b>Higher Defence Organisation in India</b><br>a) Powers of the President in relation to the Armed Forces<br>b) Parliament and Armed Forces<br>c) Defence Committee of the Cabinet / Political Affairs Committee           | [12] |
| 4. | <b>Defence Mechanism of the Indian Armed Forces</b><br>a) Chiefs of Staff Committee<br>b) Organisation of Army Headquarters, Naval Headquarters and Air Headquarters<br>c) Organisation of Army Commands<br>d) Coast Guard | [10] |
| 5. | <b>Organisation of Intelligence in India</b><br>a) Introduction and History of Intelligence<br>b) Principles of Intelligence<br>c) Devices for collecting Intelligence<br>d) Counter Intelligence                          | [08] |

**PART-II**

- |    |   |      |
|----|---|------|
| 6. | <b>Infantry</b><br>a) Characteristics, Role and Limitations<br>b) Infantry Divisions and Battalion Organisation | [12] |
| 7. | <b>Armored Corps and Artillery</b><br>a) Characteristics<br>b) Role and Limitations                             | [08] |

8. **Engineers and Signals** [08]  
 a) Characteristics  
 b) Role and Limitations
9. **Logistic Services : Role in Peace Time and War Time** [12]  
 a) ASC  
 b) AOC  
 c) AMC  
 d) EME
10. **Indian Navy** [08]  
 a) Characteristics  
 b) Role and Limitations  
 c) Various types of Battleships in Indian Navy  
 d) Role of Aircraft Carriers

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- Organisation and Administration in the Indian Army - Brigadier RajendraSingh
- Security in a Challenging Work - K. Subrahmanyam
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- History and Organisation of Indian Police - Shah
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- Aadhunik Rajya ka Raksha Tantra - J. M. Srivastava
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- Aadhunik Rajya ka Raksha Trantra - Dr. Lallanji Singh
- Bhartiya Lashkari Sanghata - A. P. Chaudhari, Jadhav, Saindane, Archana Chaudhari

**NORTH MAHARASHTRA UNIVERSITY, JALGAON**  
**DEFENCE AND STRATEGIC STUDIES**  
**TITLE : MARATHA ART OF WARFARE (S-3)**  
 (w.e.f. June-2004)

**PART-I**

- |    |  |      |
|----|--|------|
| 1. | <b>Strategy and Tactics of Battle of Pratapgad</b><br>a) War planning<br>b) Attack<br>c) Tactics<br>d) Conclusion / Consequences and Causes  | [08] |
| 2. | <b>Raid on Shahistekhan</b><br>a) Introduction<br>b) Military Strength of Shahistekhan and Shivaji<br>c) Battle Action and Tactics<br>d) Special Tactics of Shivaji<br>e) Conclusion                                 | [10] |
| 3. | <b>Campaign of Mirza Raja Jaisingh</b><br>a) Introduction<br>b) Strategy of Jaisingh<br>c) Deployment of Forces<br>d) Siege of Purander<br>e) Treaty of Purander   | [12] |
| 4. | <b>Strategic Study of Karnatak Campaign</b><br>a) Objectives of Karnatak Expedition<br>b) Battle Action of Karnatak Campaign<br>c) Strategy and Tactics used in Karnatak Campaign<br>d) Consequences of the Campaign | [10] |
| 5. | a) Shivaji as a General<br>b) Sambhaji as a Military Leader  | [08] |

**PART-II**

- |    |   |      |
|----|---|------|
| 6. | <b>Battle of Palkhed</b><br>a) Bajirao - A Military General<br>b) Battle Action / Procedure<br>c) Strategy and Tactics<br>d) Consequences | [08] |
|----|---|------|

7. **Battle of Panipat - I** [10]  
a) Introduction  
b) Military Strength  
c) War Planning  
d) Battle Action  
e) Consequences and Causes
8. **Strategic Study of Third Battle of Panipat** [12]  
a) Introduction  
b) Military Strength  
c) War Planning  
d) Battle Action  
e) Consequences and Causes of the Battle
9. **Battle of Khanda** [08]  
a) Introduction  
b) War Planning  
c) Strategy and Tactics  
d) Causes - and Consequences
10. **Battle of Assai** [08]  
a) Introduction of Third Anglo-Maratha War  
b) Military Strength  
c) War Planning  
d) Battle Action  
e) Strategy and Tactics  
f) Consequences

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- Shivaji and the Maratha Art of War - Devpujari M. B.
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- Hindusthancha Sankshipt Itihas - Brigadier Pitre
- Marathyancha Uday Va Asta - Dr. Jaysingrao Pawar
- Shivaji Va Shivkal - Dr. Jaysingrao Pawar
- Marathe Riyasat - 1, 2, 3 - Sardesai G. S.
- Chhatrapati Shivaji Maharaj - W. C. Bendra
- Bhartiya Yuddhashastrachi Upeksha - Gen. Joglekar
- Bhartiya Yuddhakala - Sonwane, Chaudhari, Saindane, Sutar, Jadhav
- Bhartiya Yuddhakala - A. P. Chaudhari / Archana Chaudhari
- Bhartiya Yuddhatantra - A. P. Chaudhari / Archana Chaudhari
- Shivajichi Nyayaniti - Dr. T. T. Mahajan
- Panjab ka Bhu-Samarik Addhyayan - Dr. Balwant Singh
- Bhartiya Sainya Addhyayan Aur Yuddha ke Siddhant - Dr. Lallanji Singh
- Bhartiya Sainya Itihas Va Yuddha Aur Shantiki Samasyaye - Dr. Baburao Pandey

**NORTH MAHARASHTRA UNIVERSITY, JALGAON**  
**DEFENCE AND STRATEGIC STUDIES**  
**TITLE : DEFENCE FINANCE AND PRODUCTION (S-4)**  
**(w.e.f. June-2004)**

**PART-I**

1. **Importance and Need of Defence Expenditure** [08]
2. **Peace Time Economy** [08]
  - a) Background
  - b) Aims and Objectives of Peace Time, Economy
    - i) Economical Self Sufficiency
    - ii) Increase of Standard of Living
    - iii) Maximum utility of National Wealth
    - iv) Payments
    - v) National Economic Welfare
    - vi) Preparation and Development of Defence Capability
  - c) Pre-war Internal Economic Preparation
  - d) Pre-war Internal Economic Nature, Planning of Imports, Creation of Foreign Assets, Shipping, Objectives of Foreign Assets
  - e) Merits and Demerits of Peace Time Economy
3. **War Time Economy (Problems)** [10]
  - i) Problems of Allocation of Natural Resources
  - ii) Problems of Divisions of Factors of Production
  - iii) Problems of Complementary Products
  - iv) Problems of Price and Financial Policy
  - v) Problems of Personnel
4. **Post-War Economy (Problems)** [08]
  - a) Enormous National Debts
  - b) Damages of Properties
  - c) Demobilization of Army
  - d) Morale
  - e) Deconversion of Industries
  - f) Equipments of Peace Time Production
5. **Economic Cost of War** [08]
  - i) Meaning of Economic Cost of War
  - ii) Problems of Measuring the Real Cost of War
  - iii) Methods of Calculating the Real Cost of War

6. **Defence Spending in India** [08]  
 i) Background  
 ii) Defence expenditure of army from 1962 to date  
     General development of Defence Expenditure and causes of it  
 iii) Defence Expenditure of Navy from 1962 to date  
 iv) Defence Expenditure of Air Force 1962 to date  
     General development of increasing defence expenditure  
 v) Present trend of defence expenditure and futuristic approach

### PART-II

7. **Defence Production and Organisation in India** [08]  
 i) Department of Defence Production in the Ministry of Defence  
     (Structure and functions)  
 ii) Industrial Potentialities of Expansion of Military Strength  
 iii) Defence Production Organisation (Main)
8. **Defence Production Industries in India** [10]  
 i) Public Sector Undertakings  
 ii) Private Sectors and Small Scale Industries  
     (Link with Logistics)
9. **Defence Research and Development Organisation** [06]  
 - Concept and Developments
10. **Arms and Ammunition Production** [08]  
 - Rifles  
 - Artillery  
 - Tanks
11. **Engineering and Electronic Equipments Production in India** [06]
12. **Missiles Technology and Nuclear Establishments, Space Technology and Development** [10]

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**NORTH MAHARASHTRA UNIVERSITY, JALGAON**  
**DEFENCE AND STRATEGIC STUDIES**  
**TITLE : EVOLUTION OF WARFARE (S-4)**  
**(w.c.f. June-2004)**

**PART-I**

- |           |  |                            |
|-----------|--|----------------------------|
| <b>1.</b> | <b>War</b>   |                            |
|           | a) Meaning, Scope                                      |                            |
|           | b) Concept   |                            |
|           | c) Utility   |                            |
| <b>2.</b> | <b>Ancient Warfare</b>                                 | <b>[12]</b>                |
|           | a) Greek Art of War                                    |                            |
|           | b) Roman Art of War                                    |                            |
|           | c) Iran's Art of War                                   |                            |
| <b>3.</b> | <b>Mangolian and Chinese Art of War</b>                | <b>[08]</b>                |
| <b>4</b>  | <b>Warfare during Medieval Period</b>                  | <b>[10]</b>                |
|           | a) Europeans Art of War                                |                            |
|           | b) Japanese War Technique                              |                            |
|           | c) Indian Art of War                                   |                            |
| <b>5.</b> | <b>Industrial Revolution and its impact on warfare</b> | <b>[08]</b><br><b>[08]</b> |

**PART-II**

- |           |                               |             |
|-----------|-------------------------------|-------------|
| <b>6.</b> | <b>Regional War Technlque</b> | <b>[10]</b> |
|           | a) Mountain Warfare           |             |
|           | b) Jungle Warfare             |             |
|           | c) Plain Warfare              |             |
|           | d) Desert Warfare             |             |
|           | e) High-Attitude Warfare      |             |
| <b>7.</b> | <b>Second World War</b>       | <b>[12]</b> |
|           | a) Blitzerkieg                |             |
|           | b) Trench Warfare             |             |
|           | c) Submarine Warfare          |             |

8. **Types of Warfare** [10]  
 a) Air Warfare  
 b) Atomic Warfare  
 c) Cold War  
 d) Chemical Warfare  
 e) Biological Warfare
9. **Star War and Electronic Warfare** [08]
10. **Future Wars** [06]  
 a) Environmental War  
 b) Cyber War

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- Parmanu Nishastrikaran - Dr. Parshuram Gupt
- Kautilya ka Yuddha Darshan - Dr. Lallanji Singh
- Pacchyatya Sainya Itihas - Dr. Lallanji Singh
- Bhartiya Up-Mahadweep mein Sheer Yuddha - Dr. Narendrasinh, Chaudhari
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- Doosre Mahayuddha - Walimbe

संरक्षण व सामरिक अभ्यास  
 तृतीय वर्ष कला (बी.ए.भाग- ३)  
 समकक्ष अभ्यासक्रम

Sr. No.	Old	New
01	International Relations:- G-3	National Security (Global Context):-G-3
02	Maratha Art of War :- S-3	Defence Organisation of India :- S-3 OR Maratha Art of Warfare :- S-3
03	Defence Economic & Production in India :- S-4	Defence Finance & Production :- S-4