

UNIVERSITY OF PUNE

Proposed syllabus for T.Y.B.A.

Defence and Strategic Studies
(w. e. f. June – 2010)

New Syllabus Structure

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|----------|---------|---|-------------------------------------|
| T.Y.B.A. | G-3 (A) | - | International Security |
| | G-3 (B) | - | Military Geography |
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| T.Y.B.A. | S-3 (A) | - | Maratha Military System (1630-1818) |
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T.Y.B.A. G-3 (A)
International Security

Objectives :-

Security is now a global objective. Thus, international security and its related aspects are more important for world to be in peace and develop in a secured environment.

1. The causes and prevention of War. (6)
2. National and International security :- meaning and concept, New Trends. (10)
3. Cold War : origin and Development, Détente, New Cold War, Decline of Cold War. (8)
4. Post Cold War Scenario – Characteristics, Security problems, New World order. (8)
5. Non-alignment – meaning and concept, it's role in maintaining International security. (8)
6. Balance of power – meaning and concept, means and Types. (8)
7. Diplomacy :- meaning and concept, Functions of diplomats, changing nature of diplomacy. (8)
8. Arms control and Disarmament : meaning and concept, Nature, Problems. (6)

9. Terrorism – meaning and concept, Nature, causes and effects. (10)
10. Ethnic conflicts : Meaning and concept, Nature, Effects. (8)
11. Environmental Problems – Nature, Pollution, Natural Resources, Water, Global Warming. (8)

Reference Books :-

- 1) Poulouse T.T. – united Nations and Nuclear proliferation, New Delhi, B. R. Publishing Corporation – 1988.
- 2) Palmer & parking – International Relation, Calcutta, Scientific Book Agency – 1970.
- 3) Gillian Younge – International Relations in Global Age, London – Policy press – 1997.
- 4) Roni. D. – On security :- Colombia University Press, New York, 1995.
- 5) Calvocoressi peter, World Politics since 1945, London, Longman, 2000.
- 6) Edward Banes – International security.
- 7) Patrick M. Morgan – International security problems and solutions.
- 8) Journals –
 - (i) International studies, New Delhi.
 - (ii) India Quarterly, New Delhi.

T.Y.B.A. G-3 (B)
Military Geography

Objectives :-

Geography is an important element and govern the strategy and tactics of land, naval and air warfare. This paper-military Geography will impart a substantial knowledge of the subject.

1. Geo-strategy – (8)
 - a) Meaning and concept.
 - b) Importance.
 - c) Scope and Uses of Geo-strategy.

2. Military Geography – (8)
 - a) Meaning and concept.
 - b) Importance.
 - c) Scope and Uses of Military Geography.

3. National Power – (8)
 - a) Meaning and concept.
 - b) Importance.
 - c) Elements of National Power.

4. Grand strategy, Strategy and Tactics – (6)
 - Meaning, concept and Aims

5. Impact of Geography – (10)
 - a) Impact on Land Warfare.
 - b) Impact on Sea Warfare.
 - c) Impact on Air Warfare.

6. Warfare in different Terrains – (10)
a) Plain Warfare.
b) Desert Warfare.
c) Jungle Warfare
d) Warfare in High Altitude Areas –
- Their characteristics, Arms and Logistics.
7. Geo-strategic Minerals – (6)
- Oil and Natural Gas etc.
8. Geo-strategic Importance of Andaman and NICO bar, Diego-Garcia. (8)
9. Strategic Importance of J & K, Kuwait and Afghanistan. (8)
10. Logistics – Concept, Principles & Resources. (8)

Reference Books :-

- 9) Pettier Louis & E. Etzel Percy – Military Geography
(New Delhi, East West, 1981)
- 10) Sukhwai B.L. – Modern Political Geography
(New Delhi, Sayl, 1985)
- 11) Mahan A.T. – Sea Power.
(London, Methuen and Co. 1972)
- 12) Dixit R.D. – Political Geography.
(New Delhi – Tata Macgraw Hill – 1994)
- 13) Sali M.L. – Military Geography.
(Manas Publication, New Delhi – 2009)
- 14) प्रा.लाटकर - राजकीय भूगोल (नागपूर विद्याप्रकाशन)
- 15) भागवत अ.वि. आणि मेघा जोशी - राजकीय भूगोल

T.Y.B.A. G-3 (C)

Geo-Politics

Objectives :-

Geo-Politics is related to many theories related to geography and politics such as sea power theory of A. T. Mahan, heartland theory of Mackinder and others. This paper will impart the related knowledge of Geo-politics and its significance in world Affairs.

1. Geopolitics – meaning, Development Nature and Scope. (10)
2. Evolution of Geopolitical thought – Prof. Mackinder, Admiral A.T. Mahan, Prof. S. B. Jons, Prof. Karl Houshoffer. (10)
3. Nation and State – meaning and concept basic elements, difference. (10)
4. Political Geography – meaning concept, Nature and Scope. Dynamic Science. (10)
5. Frontiers and Boundaries – meaning and concept, Difference, classification, Role of Boundaries. (10)
6. Maritime Boundaries, Territorial sea and Exclusive Economic Zone - Meaning and concept, Importance and role. (10)
7. Land locked state and Buffer state – meaning and concept, problems, prospects. (10)
8. Geographical factors affecting on war – (10)
 - 1) Plain
 - 2) Plate au
 - 3) Mountain
 - 4) Drainage
 - 5) Marshy area
 - 6) Forest
 - 7) Natural Resources
 - 8) Climate

Reference Books :-

- 1) Pletier Louis C and Etzet P – Military
Geography, New Deli, Eeast West 1981
- 2) Dikshit R.D. – Political Geogrpahy, The Discipline and its Dimension.
New Delhi, Tata Macgraw Hill, 1994
- 3) Mahan A.T. – Sea Power, London
Methuen and Co. 1975
- 4) Press cat J.R. – Political Geography
London, Methuen and Co. 1972
- 5) Hazen J.D. Blis – Systematic political Geography
New York, Joha Wiley and fous, 1973
- 6) Dr. M. L. Sali - Military geography
Manas publication, New Delhi 2009.

T.Y.B.A. S-3 (A)

Maratha Military System (1630 – 1818 AD)

Objectives :-

Military History has consists of studies of various military systems in the word and one of them is Maratha Military system. The Marathas took on the Mughals and letter European foresees, had distinct military character and systems. The Chhatrapati Shivaji was a warrior par excellence and a brilliant strategist of world standard. So the study of history of Maratha military organization, system, strategy and tactics would be very help full.

1. Rise of Maratha Power – (7)
 - Situation in Maharashtra before Shivaji.
 - Geographical situation.
 - Social and religious situation.
 - Economic situation.

2. Early Career of Shivaji – (7)
 - Role of Jijabai and Dadoji kondadev in making Shivaji.

3. Shivaji and Adilshahi – (7)
 - a) Jawali incident – It's consequences
 - b) Battle of Pratap gad – Use of strategy and Tactics by Shivaji.

4. Shivaji and Mughals – (7)
 - a) Raid on Shahistekhan – Shivaji's Tactics.
 - b) Mirza Raje Jaisingh – His campaign and Treaty of Purandar.

5. Karnataka Campaighn of Shivaji – (7)
 - Objectives and consequences.

6. Organization of Maratha Armed Forces and Forts under Shivaji and It's strategic importance. (7)
7. Evaluation of Shivaji – As a military leader and Master of guerilla tactics. (7)
8. Sambhaji – His military leadership and achievements. (6)
9. Rajaram, Tarabai, Santaji and Dhanaji – Their role in Maratha War of Independence. (8)
10. Maratha Warfare during the Peshwa period – (8)
 - a) Bajirao Ist and Nanasaheb Peshwa
- Their role in the battle of palkhed, Bhopal and Battle of Panipat (1761 AD)
 - b) Maratha Navy under Kanhoji Angre.
11. First, Second & Third Anglo Maratha War. (8)
12. Causes for decline of Maratha power. (5)

Reference Books :-

- 1) Sarkar J.N. – Shivaji and His Times
(Orient Longman, New Delhi, 1960)
- 2) Kulkarni. A. R. – The Maratha's (1600-1848)
(Books and Books, New Delhi, 1996)
- 3) Apte B.K. – History of Maratha Navy
(Bombay state board of literature and culture, 1973)
- 4) Pitre K.G. – War History of the Marathas
(K.G.Pitre, Pune, 1998)
- 5) पित्रे का.ग. - हिंदुस्तानचा संक्षिप्त युध्देतिहास.
(नवचैतन्य प्रकाशन, मुंबई - १९९२)
- 6) डॉ.रोडे सोमनाथ - मराठ्यांचा इतिहास

(पिंपळापुरे अँड कं. पब्लिशर्स, नागपूर - १९९८)

T.Y.B.A. S-3 (B)

Disaster Management

Objectives :-

Today, as society and nations are developing, they are facing both natural and man-made disasters. Disasters has become the a common phenomenon. So managing various types of disasters is important, equally some steps need to be taken so that such disasters do not take less at all so disaster management is a major emerging discipline.

- 1) Disaster – (5)
 - a) Meaning and Definition.
 - b) Types of Disaster – Natural and manmade.
 - c) Aims and objectives of study of Disaster
 - d) Need of study of Disaster.

- 2) Natural Disaster – (8)
 - Meaning
 - Characteristics.
 - Nature and types (Earthquake, storm, cyclone, Tsunami etc.)
 - Effects

- 3) Manmade Disaster – (8)
 - Characteristics
 - Nature and types (Terrorism, medical Alteration, stricks, Accidents etc.)
 - Effects

- 4) Environmental Disaster – (9)
 - Meaning
 - Types – Pollution (marine and costal, Radioactive, Thermal)
 - Global warming.

- Population burden.
 - Human health.
 - Effects.
- 5) War and Disaster – (10)
- Traditional war and Disaster
 - Chemical war and Disaster
 - Biological war and Disaster
 - Nuclear war and Disaster
 - Effects
- 6) Disaster Management – (8)
- Meaning and concept.
 - Elements.
 - Organisational set up (Administration, R & D, contribution of NGOs, local self Government action, Information and awareness)
- 7) Role of Local Bodies – (7)
- Seeking solution, role of volunteers, co-operation by local bodies, Resettlement, professional Training, Identified Disaster
- 8) Possible solution – (6)
- Need for Technical assistance, planning and enforcement.
 - Boosting up the community pre disaster plan.
 - Post disaster emergency phase.
 - Rehabilitation and Reconstruction.
 - Relief work.
- 9) Remedial measures – (9)
- Managing Disaster.
 - Status of Development.
 - Process of Resettlement.
 - Assistance Package.

- Collective impact.
- Required National policy.
- Psychological and sociological consequences.

10) Planning for future (World conferences) – (10)

- Yokohama Message
- Yokohama Strategy.
- Important Principle.
- Plan for Action.
- Follow up Action.

Reference Books :-

- 1) K. Rama Marthy, Disaster management, Dominant publication & Distributors, Delhi.
- 2) Bri. (Dr.) H. K. Kar, silent warfare managing Nuclear, Chemical, Biological (WMD) Disaster, Manas publication, New Delhi.
- 3) Trivedi P.R. Gurudeep Raj, Encyclopedias of Environmental Science.
- 4) Nadit F.M. & Mr. pawaskar, Environmental Studies Vol. I & II
- 5) Savindrasingh, Environmental Geography.
- 6) Agrawal S.K., Environmental Issues & Theories.
- 7) Khoshoo T.N., Environment concern and strategies.
- 8) Patkar M.G., Principles of Management.
- 9) Rais Alchtur and Yoga Verhasselt, Disease, Ecology and Health.

T.Y.B.A. S-4 (A)
Industrial Security

Objectives :-

Since security is defined as “relative freedom from harmful threat”. Industrial security is more important in terms of national development, prosperity and security.

- 1) Industrial security – meaning and concept, History, Objective, Importance, Scope. (9)
- 2) Security of Law – Indian Pinal Code. Fundamental rights, criminal crimes. Bombay police Act 1951, First Information Report, Evictence, Court Proceger. (10)
- 3) Industrial crimes – Nature, types, Scope. (8)
- 4) Security planning of Implementation – Basic principles, danger of remedy to remove it, perimeter wall, security lighting. (9)
- 5) Role of security – Main gate, Reception room, search room, vehicle gate, search gate, control room. (9)
- 6) Department of security – Importance types, Role. (8)
- 7) Fire preventive Measures – meaning, classification, causes, fire preventive equipment and measures, early warming system. (10)

- 8) Security organization – Chief security officer, Assistance security officer, Inspector of security. (9)
- 9) First aids – meaning and concept, Importance, various types, first aid box. (10)

Reference Books :-

- 1) Trilok Nath, National security, 1986, B.R. Publishing corporation.
- 2) Bal Wadekar, Industrial security, 1987, Priyada Prakashan, Pune.
- 3) Leo G. Savels, Electronic Security system.
- 4) Eric Oliver and John Wilson, Practical security.
- 5) R.K.Bays, Police code and practice.

T.Y.B.A. S-4 (B)
Research methodology

Objectives :-

Research is directly related to development and development is directly proportional to research. Therefore, knowledge of Research methodology will guide the student to conduct the research and gain the new knowledge in a more scientific method.

- 1) Research : Meaning – Definition – Nature & Scope. (8)
- 2) Social Research : Meaning – Definition – Objective. (8)
- 3) Research & Survey – Meaning – Definition, Subject Matter of Survey – Objectives, merits and Demerits. (8)
- 4) The Problem of Objectivity in Social Research : Meaning, Definition, Importance & need of Objectivity. (8)
- 5) The Research Process : Search Design – Major steps in Social Research. (6)
- 6) Formulation of Research Problem & Hypothesis : Meaning, Concept, Importance, Hypothesis – types and Sources. (10)
- 7) Concept : Meaning – Definition – Importance. (6)
- 8) The Research Design : Meaning and concept, Importance and phases.

(10)

- 9) Facts and Data Collection : Meaning, Characteristics, Types of facts and Sources of Data Collection. (8)
- 10) Research Reports writing : Objects and Contains. (8)

Reference Books :-

- 1) *Dr.C.R.Kothari* – Research Methodology, Method & Tech. – Vishwa Pub. – New Delhi – 1996.
- 2) *M.H.Gopal* – An Introduction To Research Procedure In Social Science – London – Asia Publication – 1990.
- 3) *Habermas rea* – Research Methodology – Social Science – Blackwell Pub. – 1996.
- 4) *Dr.J.A.Khan* – Research Methodology – A.P.H. Publication – Corporation – New Delhi – 2007.
- 5) *Bhandarkar* – Methodology & Techniques of Social Research – Himalaya Pub. – Mumbai.
- 6) *Prof. R.N.Ghatole* – Social Search – Principle – Types – Mangesh Prakashan – 2003.