

FOR COLLEGE ONLY

DEFENCE AND STRATEGIC STUDIES I

M.A. M.Sc. Exam. Dec., 2018 2018

First/Third Semester

Pages 03 to 04

JIWAJI UNIVERSITY GWALIOR

SS 627  
21/8  
SS 627

Syllabus of MA/M.Sc/ (Previous) 1st, Sem.

Defence and Strategic Studies

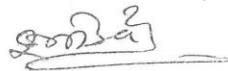
Paper 1st : Evolution of Strategic Thoughts : (Compulsory) (Part-A)

- UNIT-I
- 1 Introduction : Approaches to the Study of Strategy and its Elements.  
Early concept of modern Strategy
  - 2 The renaissance of the Art of War
  - 3 Machiavelli : Concept of the Role of Army and Military: MILITIA (MILITIA)
- UNIT-II
- 1 Gustavous Adolphus: Military Contributions.
  - 2 Fredrick the Great : Strategy of War : Mobile Artillery Operational Planning & Maneuvers.
  3. S. Vauban : Science of fortification, Siegecraft and The concept to Attack by Parallels fortification.
- UNIT-III
- Napolean and His Interpreters
1. Napoleon Bonapart : Contribution to the Art of War
  2. C. Clausewitz : Concept of absolute War
  3. A. Jomini : Strategy and Principle's of War
- UNIT-IV
- Concept of Modern War
1. H.K. Moltke : Modern War Strategy
  2. A. Du Picq : Thoughts on Military Renaissance
  3. F. Foch : Principles of War
- UNIV-V
- Economic Concept
1. Adam Smith : Economic Influence in National Power.
  2. Alexander Hemilton : Economic foundation of Military power
  3. Fredric list : Economic Relation with Military



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Paper II : History of Warfare in the West from 1861-1945 (Compulsory)  
(PART-A)

- UNIT-I
1. Industrial revolution and its influence on-American Imperialism
  2. Subsequent development of the American Civil War (1861-1865)
  3. Practical application of the concept of war in the Battle of Chattanooga (Nov. 1863).
- UNIT-II
1. Expansion of Prussia and First Battle of Sedan (1870)
  2. Increasing importance of transport and communication, impact of development heavy artillery on war.
  3. Russo - Japanese war - Siege of Port Arthur (1904-05).
- UNIT-III
1. Foundation of First World War (1914-1917), Impact of Industrial and commercial rivalry
  2. Battle of Marne (1914)
  3. Battle of Tannenburg (1914)
- UNIV-IV
1. End of Mobile warfare and beginning of Siege Warfare.
  2. Impact of Siege Warfare till the Battle of Amiens (1918)
  3. End of Tactical stalemate (1915-1917) and Restoration of Mobility in War
- UNIV-V
1. The Russian Revolution - Impact of class struggle (1917)
  2. Battle of Warsa (1920)
  2. The peace settlement 1919 and origin of league of nations

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**M.A. First Sem. 2011-12**

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**Paper III – Disarmament, arms Control & peace (Part-A)**

**UNIT-I Introduction**

1. Meaning & Basic concept of Disarmament and arms control
2. Necessity, Importance and Utility of Disarmament and arms control.

**UNIT-II Historical Background**

- (a) Washington Conference 1921-22
- (b) Geneva Conference 1927
- (c) Locarno Treaties 1925
- (d) First London Conference 1930

**UNIT-III**

- (I) Causes of failure of Disarmament effort before II World war
- (II) Efforts of Disarmament & arms Control after Second World war by UNO – United Nations Disarmament Commission 1952.
- (III) Second London Conference 1945

**UNIT-IV**

1. Strategic Arms Limitation treaty 1<sup>st</sup> (SALT-I) 1972.
2. Strategic Arms Limitation treaty II<sup>st</sup> (SALT-II) – 1979.
3. INF – Treaty (1987)

**UNIT-V**

1. Disarmament and Biological Weapons convention 1972.
2. Disarmament and Chemical Weapons convention 1993.
3. Protection against chemical Weapons

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Defence and Strategic Studies

Paper IV Science and Technology in War (PART-A)

**UNIT-I**

1. Science and War in History
2. Defence and Civil Technology
3. Research and Development

**UNIT-II**

1. Defence industry and technology
2. Production cycle
3. India's Defence Production

**UNIT-III**

1. Nuclear Weapons Fission and Fusion Bombs
2. Spread of Nuclear Weapons
3. Missile Family

**UNIT-IV**

1. Jet and Rocket Motor Engines.
2. Space and its Military Role.
3. LASER Rays.

**UNIT-V**

1. Developments of Armaments in India Since 1947
2. Effect of Science in Duminitation of Human Suffering
3. Ennoblings of War and World Problems.

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