

# **Department of Defence and Strategic Studies**

University of Allahabad  
ALLAHABAD



## **Lecture List**

**B.A./B.Sc.  
(First Year)**

## **LECTURE LIST**

### **INSTRUCTIONS**

- The syllabus is divided into five units.
- The examinees will have to attempt Five Questions in all. All questions will carry equal marks. Two questions will be asked from each unit. The examinees will have to attempt one question from each unit.
- The questions will be of three types requiring short answers, medium answers and long/essay type answers. These instructions will be applicable for all the papers for theory examination.

**B.A./B.Sc I**

**Ist PAPER**

**THE ART OF WAR IN INDIA**

**(UPTO 1947)**

**UNIT I**

1. Indo-Greek art of war with special reference to the Battle of Hydaspes, 326 B.C.
2. Kautilya's philosophy of war : Military organisation, art of war and inter-state relations.
3. Maurya Military System as described by Greek historians.

**UNIT 2**

4. Hindu Military System during the age of Guptas and Harsh with reference to the decline of chariots and the rise of cavalry upto 7th century AD.
5. Rajput Military System and Turk pattern of warfare with special reference to the battle of Somnath & Terrain upto 12th Century AD.

**UNIT 3**

6. Army organisation during Sultanate period. Military & Economic reforms of Allauddin Khilji.
7. Invasion of Babur with reference to battle of Panipat & Khanwa. A Mughal Military System under Akbar.

8. Maratha Military System under Shivaji and weaknesses of Maratha Military System after Shivaji with reference to the third battle of Panipat, 1761 AD.

#### UNIT 4

9. Development of Presidency Army under East India Company, Anglo-Maratha War with reference to Battle of Assaye, 1803 AD.
10. Sikh Military System under Dal Khalsa & Ranjit Singh, Battle of Sobraon 1846 AD.

#### UNIT 5

11. Amalgamation of Presidency Armies and Kitchner Reforms.
12. Indianisation and Partition of Armed Forces.

#### BOOKS RECOMMENDED

1. Singh, S.D. Ancient India Warfare with special reference to the Vedic Period.
2. Majumdar, B.K. Military system in Ancient India.
3. Majumdar, B.K. Bhartiya Sena Ka Itihas.
4. Fuller, J.F.C. Generalship of Alexander the Great.
5. Kangle, R.P. Kautilya Arthashastra.
6. Sarkar, J.N. Military History of India.
7. King Lucas. Memoirs of India.
8. Irvin, I. Bhartiya Mughalon Ki Sainya Vyavashtha, translated by R. Tiwari.
9. Sen, S.N. Military System of Marathas.
10. Duff, Grant. Marathon Ka Itihas.
11. Bajwa, F.S. Military System of Sikhs.

12. Tripathi, R.P. Rise and fall of the Moghals.
13. Gupta, H.R. Marathas & Panipat.
14. Sharma, Gautam. Indian Army Through the Ages.
15. David, Alfred. Indian Art of War.
16. Roy, S.N. Bharat Ka Sainya Itihas.
17. Bhatia, H.S. Military History of British India.
18. Sen, S.N. Eighteen Fifty Seven.
19. Singh, N. The theory of Force and Organisation of Defence in Indian Constitutional History.

Other books as recommended by the Teacher

**B.A./B.Sc I**  
**IInd PAPER**  
**STUDY OF WAR AND PEACE**  
**(since 1945)**

**UNIT 1**

1. Concept and definitions of War.
2. Causes of War : Political, Economic, Social, Psychological, Military and Allied aspects.
3. Types of War : Total, Limited, Revolutionary, Unconventional, Specialised Wars (Mountain, Desert and Jungle).
4. War as an instrument of National Policy.
5. Nuclear War : Development and Strategy.

**UNIT 2**

6. Emergence of World order after Second World War.
7. War and Economy : Problems of resource constraints, Defence Budgeting with special reference to India, Arms aid and trade.
8. War and Psychology : Role and importance of Psychology in the armed forces ; Psychological Warfare—Propaganda, Rumour and Brain Washing.

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**UNIT 3**

9. World Government, Liddel Hart's Eight Pillars of Peace.
10. Settlement of Disputes : Pacific and coercive methods.
11. Legal control of arms conflict.
12. Arms control and disarmament : concept and ways of disarmament, Non Proliferation Treaty (NPT), Comprehensive Test Ban Treaty (CTBT).

**UNIT 4**

13. United Nations Organisation : Structure, Role of security council, achievements and maintenance of International peace and security.
14. Non aligned Movement : aim, approaches for peace, principles, conferences, validity in modern times.

**UNIT 5**

15. Impact of Globalisation of economy on peace and security.
16. Revolution in Information Technology as an instrument of peace and security.

**BOOKS RECOMMENDED**

1. Quincy Wright      Study of War.
2. David . Ziegler      War, Peace and International Politics.
3. L.L. Bernard      War and Its causes.
4. G. Blainey      Causes of War.

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5. R.E. Bolton (Ed) Defence and Disarmament, the Economics of Transition.
  6. Thomas C. Schelling Strategy and Arms Control & Morton Helperin
  7. S.D. Bailly Prohibitions and Restraints in War.
  8. Hitch & Mckean Economics of Defense in the Nuclear Age.
  9. E.G. Boring Psychology for the Armed forces.
  10. M.Hill United Nations System.
  11. D.K. Palit Essentials of Military Knowledge.
  12. S.P. Pandey An Outline of Defence Economics.
- and Other books as recommended by the Teacher.

## **B.A./BSc. First Year**

### **PRACTICAL**

#### **Map Reading**

- (a) MAP—Definition. Types and Scope.
- (b) Marginal Informations of Topographical Map.
- (c) Conventional Signs.
- (d) Grid System
- (e) Map Reference—Four, Six and Eight Figure Reference.
- (f) Scale—Definition and Representation (By Statement, Representative Fraction and Scale Line)
- (g) Types of Scales—Distance and Time
- (h) Bearing—Definition and Types, Measurement on Topographical Sheet.
- (i) Inter-conversion of Bearings.
- (j) Resection and Intersection.
- (k) Ground Features—Contours and Slopes.
- (l) Gradient—Definition and its use.
- (m) Intervisibility.
- (n) Prismatic Compass.

**Note :** The students would be required to attempt the exercise on Topographical Sheets of Survey of India.