

MILITARY SCIENCE (CODE NO. 29)**PAPER - I****ART OF WAR****PART - I****Indian****1. Ancient Period**

- (1) Indo-Greek Art of war with special reference to the Battle of Hydaspus 326 B.C..
- (2) Mauryan military system as described by Magasthenese.
- (3) Kautalya's Philosophy of war.

2. Medieval Period: Study of military systems

- (1) Rajput military system with special reference to the Battle of Tarain (1192 AD).
- (2) Mughal military system with special reference to the First battle of Panipat (1526-AD).
- (3) Maratha military system with special reference to the Third Battle of Panipat (1761 AD).
- (4) Sikh military system with special reference to the Battle of Sobraon (1846AD).

3. Pre-Independence Period

- (1) Battle of Plasay 1757 AD.
- (2) 1857 Liberation movement.
- (3) Re-organisation of Army in India under the CROWN.

4. Post Independence period

- (1) Sino-Indian war, 1962 causes and lessons-political, strategical and tactical.
- (2) Indo-Pak war 1965 causes and lessons political, strategical and tactical.
- (3) Indo-Pak war 1971 causes and lessons political, strategical and tactical.

PART - II**Western**

- (1) Greek and Roman Art of war with reference to the battle of Arbella (331 B.C.) and battle of Cannae (216 B.C.).

- (2) Emergence and decline of cavalry with reference to the battle of Hastings (1066 A.D.) and battle of Crecy (1346 A.D.).
- (3) Impact of Science and Technology on warfare.
- (4) **Revolution in tactics**
 - (a) War of American Independence (1776-1782 A.D.).
 - (b) French Revolution and Napoleonic Art of war.

PART - III

Modern

- (1) World War I - Strategy and tactics : Theories of Guillet Doughter and Admiral A.T. Mahan.
- (2) World War-II Strategy and tactics : Theories of Maj. Gen J.F.C. Fuller and Capt. B.H. Liddell Hart.
- (3) World War-II -Use of Atom Bomb and its impact.

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PAPER - II

STRATEGIC STUDIES

PART - I

National Security

1. National Power-Concept and importance.
2. Elements of National power.
3. National security strategies
 - (1) Balance of power,
 - (2) Collective security.
 - (3) Regional defence.
 - (4) Non-alignment.
 - (5) Deterrence.
4. Geo strategical location of India.
5. Internal and External threats to Indian security.
6. Economic liberalisation and National security.
7. India's Nuclear policy.

PART - II**Theory and Practice of War**

1. Definition of war, nature and characteristics of war.
2. Insurgency and counter-insurgency with special reference to Indian security.
3. Terrorism: Problems and solutions.
4. Development of Nuclear weapons and their effect on war.
5. Space weapons and security.
6. Chemical and Biological weapons and security.
7. Problems and prospects of disarmament and arms control.

PART - III**Regional Study**

1. Indian ocean and Indian security.
2. Role of SAARC in promoting regional cooperation and security.
3. India's Foreign Policy with special reference to Indian security.
4. War and peace time economy.