

DEV AHILYA UNIVERSITY, INDORE, M.P.

SYLLABUS for Entrance Exam. For M.Phil. and Ph.D.

(2016-Onwards)

Subject : Military Science

First Paper

(पहला - 527 पृष्ठ)

1. Military History, Military System, Military Reforms and the Art of War in India with special reference to the critical study and analysis of the following Battles and Wars :
 - **Battles –**
Battle of Hydaspes (326 BC), The Battle of Tarrain (1191 & 1192 AD), The Battles of Panipat (1526, 1556 & 1761 AD), The Battle of Khanwa (1527 AD), The Battle of Haldighati (1576 AD), The Battle of Plassy (1757 AD), The Battle of Assaye (1803 AD), The Battle of Sobraon (1846 AD).
 - **Wars –**
Indo-Pak War (1947-1948, 1965, 1971 & 1999 AD), Sino-Indian War (1962 AD).
2. Military History, Military System, Military Reforms and the Art of War in the West with special reference to the critical study and analysis of the following battles and wars :
 - **Battles –**
The Battle of Arbela (331 BC), The Battle of Cannae (216 BC), The Battle of Zama (202 BC), The Battle of Adrianople (378 AD), The Battle of Hastings (1066 AD), The Battle of Crecy (1346 AD).
 - **Wars –**
The War of American Independence (1775-1783 AD), The First World War (1914-1918), The Second World War (1939-1945).
3. National Defence and Security, National-Power, National-Interest.
National defence and security strategies: Balance of Power, Collective-Defence & Collective-Security, Regional-Defence, Disarmament and Arms-Control, Deterrence, Non-Alignment Movement.
Role of UNO to maintain global peace and prevention of wars.
Changing pattern of the world strategic affairs.
4. Geo-Political and Geo-Strategical location and its impact on Defence and Security.
Internal and External threats.
Inter-linkages between foreign policy and Defence policy.
Economic aspects of National Defence and Security.
Psychological aspects of National Defence and Security.

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5. An evaluation of India's Defence, Security and National-Power.

Geo-Strategical location of India.

Defence-Policy, Foreign -Policy and Nuclear-Policy of India,

Internal and External threats of India.

Indian national strategy to meet security threats.

India's special position in the world's Strategic Environment.


Strategic Environment in the Indian Ocean region and India's special position in


Indian Ocean.

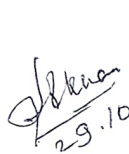
India's strategy for naval security.

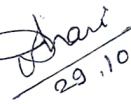
Problems of Terrorism and Insurgency in India.

Nuclear development in Pakistan and China and its impact on India's defence and security.


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(2016-Onwards)

Subject: Advance Study of Military Science

प्रश्न-पत्र - द्वितीय
Second - Paper

Unit-I


Relevance and impact of Science and Technology on the Modern Warfare and evolution of Modern Armament and Tactics.
Scientific and Technological development and there effect on Tactics, Command and Control.
Civil and Defence Technology.
Role of Research and Development in Modern wars.
Defence Industries and Technology.
Defence Production and Defence Protection.

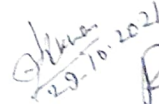
Unit-II

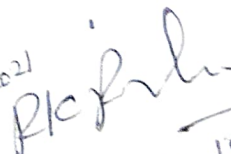
Nuclear Weapons and their impact on Tactics, Command and Control.
Spread of Nuclear Weapons and the security of the world.
Chemical and Biological Weapons, Air Cushioned Vehicles and their role.
Guidance and Propulsion.
Effects of Science in Diminution of human sufferings and world problems.

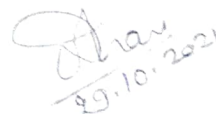
Unit-III

Military applications of RADAR, LASER-Rays, Electronics and Computer.
Remote-Sensing and its applications in the field of Defence and Security.
Satellite and its Military use, Satellite Applications in the Battlefield.
War and environment. C₄I₂SR C₅I
Global Positioning System (GPS), C₄I₂SR and C₅I
Precision Guided Munitions (PGMs)/Smart Weapons, Remotely Control Vehicles (RCVs).
Computer and Decision Making in the Battlefield.
Net Centric Warfare and Robotic Warfare.
Use of Drone in Modern Warfare and Unmanned Aerial Vehicles (UAVs).
Information Warfare, Cyber Warfare and Space Warfare.
Automation in Defence.


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Unit-IV

Study of Disputes-

Japan-China Dispute.

North Korea and South Korea Dispute.

China and Vietnam Dispute.

Arab-Israel Dispute.

Indo-Pak Disputes..

Sino-Indian dispute.

Unit-V

International Terrorism.


International Terrorist Organisation and their effect on the world Peace and Security..


The evolution of Islamic State of Iraq and Syria (ISIS) and its threat to the Global Peace.


India and International Terrorism.


Insurgencies in India's North-East Region, Conflict, co-operation and changes.

Naxlism in India and its effects.


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