

**RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER**  
**SYLLABUS FOR COMPETITION EXAMINATION FOR THE POST OF**  
**ASSISTANT PROFESSOR IN MILITARY SCIENCE**  
**COLLEGE EDUCATION DEPARTMENT**

**PAPER-I**

**UNIT-I : BASIC CONCEPTS AND THEORIES :**

1. Defence and Strategic Studies : Assumptions and Approaches.
2. The Concepts of Nation:
  - a) State and Nation – State, Theories and Elements of State
  - b) National Power and its Components
3. Key Concepts of National Security: Defining National Security, National Defence and National Interest, National Character and Evolution of the National Security concept in the 20<sup>th</sup> Century and Beyond.
4. Concept and theories of Geo-politics and Geo-strategy.
5. National Security Structures: Armed Forces, Intelligence Agencies, Police Forces, Decision-Making Structures, etc.
6. Defence, Foreign, Security and Domestic Policies; Concept formulation, objectives and linkages.
7. Non – Alignment, Balance of Power, Collective Security and Balance of Terror – Concept and Relevance.
8. Deterrence and Détente: Concept and contemporary relevance.

**UNIT-II : WAR AS AN INSTRUMENT IN INTERNATIONAL RELATIONS :**

**War: Causes, Theories and Principles**

1. Contemporary Warfare : Conventional Warfare in Nuclear age, Limited War, Revolutionary Warfare, Low Intensity Operations, Guerrilla Warfare, Insurgency and Counter – Insurgency.
2. Armaments : Arms Aid, Arms Trade, Proliferation of Small Arms
3. Military Alliances and Pacts, Peace Treaties, Defence Cooperation, Strategic Partnership and Security Dialogue.
4. Terrorism and Counter Terrorism : Concept and kinds (National, International and Cross border).
5. Conflicting Ideologies : Militarism, Nationalism, Fundamentalism, Separatism, Irredentism.

### **UNIT-III : STRATEGIC THOUGHT :**

1. Contribution of Sun Tzu,
2. Kautilya,
3. Machiavelli,
4. Jomini,
5. Carl von Clausewitz,
6. General Giulio Douhet
7. J.F.C.Fuller,
8. Capt.B.H.Liddell Hart,
9. Marx, Lenin and Mao Tse Tung.
10. Nuclear Deterrence: Andre Beaufre, Henry Kissinger and K. Subrahmanyam.

### **UNIT-IV : DEFENCE ECONOMICS**

1. Economic Theories of Defence: Defence vs Development.
2. Determinants of Defence Expenditure .
3. Basics of Defence Planning and Defence Budgeting.
4. Economic Warfare in modern times.
5. Economic Problems of Post War reconstruction.
6. National Security and International Trade regimes (WTO, TRIPS, TRIMS, FTA's NAFTA, SAPTA, & NSG).
7. India's role in Regional and Global Economic Forums and Organizations.
8. Geo-economics and its Implications for global/regional economic stability.

### **UNIT-V : SCIENCE, TECHNOLOGY AND NATIONAL SECURITY**

1. Broad Survey of Technological Changes from Industrial Revolution to Information Revolution.
2. India's Nuclear and Space Programs.
3. Research and Development :
  - a) Relevance of Science and Technology in National Security.
  - b) Impact of Information Technology; Revolution in Military Affairs (RMA).
4. Defence Production in India ( Role of DPSU's and Ordnance factories ).
5. Issues of Mobilization of Resources during War and Peace.
6. Military Industrial Complexes.

7. Transfer of Technology : Dual use and critical technologies and their impact on national security.
8. Interdependence and Cooperation at Regional and Global levels.
9. Cyber Security : Vulnerabilities of Information technology and internet, Need and importance of cyber security, Different kinds of cyber security vulnerabilities, Cyber wars including propaganda, measures for cyber security- Technology, laws and regulations, global issues in cyber security.
10. Social Media and its Impact on National Security- Global reach with rapid speed for propaganda and indoctrinate misinformation and rumour mongering cadre recruitment and use of social networking sites for mobilizing public opinion.

\*\*\*\*\*

**Note :- Pattern of Question Paper**

1. Objective type paper
2. Maximum Marks : 75
3. Number of Questions : 150
4. Duration of Paper : Three Hours
5. All questions carry equal marks.
6. There will be Negative Marking.
7. Medium of Competitive Exam: Bilingual in English & Hindi.