

## **M.Sc. Previous (2005-06 onwards)**

### **Core Papers-I : Theory and Practice of WAR**

1. Theories and Causes of War : Causes of World War I & II
2. World War- I Strategy, Doctrine Organization ; Development of land warfare, the onset, nature of Trench Warfare Restoration of Mobility and entry of armoured forces
3. World War- II Strategy, Doctrine, Organizations : Development, application and the role of Air Power. Role of Sea Power.
4. Concept of Limited War:

5. Guerilla Warfare and Low Intensity Operation : Concept and Its practice in South East Asia and Far-East. Low Intensity operation by Pakistan against India.
6. Evolution of Nuclear Strategic concepts and Doctrine. Nuclear Development since 1945, missiles, spacecrafts and theories of nuclear war and deterrence.
7. Strategy for peace : Arms Control and Arms Limitation
8. Strategic Defence Initiative (SDI) : Its implication in nuclearisation of earth planet and effect on O-3 I system.

### **Books Recommended :**

Wright, Quincy	Study of War
Fuller, JFC	Decisive battles of the Western World Vol. III
Fuller, JFC	Conduct of War
Falus, Cyril	Art of War
Palit, DK	Essentials of Military knowledge
Halprin, MH	Contemporary military strategy
Fay, SB	The origins of WW I
W, Churchill	Second World War
Green, TH	Guerillas and How to Fight Him
Hall, SP	Defence in Nuclear Age
Brodie, B	Strategy in the Missile Age
Beaufre, A	An Introduction to Strategy
Gensen, EAV	Arms Control and Disarmament
Tedder, L	Air Power in War
Nand Kishore	International Terrorism
Martin, LW	Sea in Modern Strategy
Brodie, B	A Guide to naval Strategy
Howard, M	Theory and Practice of War

### **Core Paper- 2**

### **International Relations & Conflict Resolution Course Content :**

1. Approaches to the study of International relations-
  - (a) Classical
  - (b) Scientific (Systems, Communication and Decision Making)
2. The role of ideology in International relations.
3. Foundations and limitations of National Power

4. Concept of National Interest and its role in the formulation of foreign policy.
5. The concept of balance of Power and Collective Security.
6. Diplomacy : Traditional concepts and contemporary trends.
7. Struggle for a new International Economic Order (NIEO)
8. International interventions, ideological, political and economic.
9. Arms race, Disarmament and arms control.
10. Impact of nuclear developments in international relations.

### **II Concept of Conflict Resolution**

11. The Cold War-Origin : concept, development, implications and decline.
12. Afro-Asian resurgence in International relations.
13. Political and Economic changes in Europe.
14. Power Struggles in Asia-Pacific.
15. Conflict and Cooperation in South Asia.
16. The West Asian conflict :
  - (a) Underlying Factors.
  - (b) Role of Super and Major powers with reference to Arab-Israel conflict and Iran-Iraq conflict.
  - (c) Record development.
17. Power Politics in Indian Ocean.
18. India's Foreign Policy : Its foundations and practice.
19. The foreign policy of : (Brief review)
  - (a) Pakistan
  - (b) China
  - (c) USA
  - (d) Russia

### **Selected Readings :**

Aron, R	War and Peace
Wright, Q	A Study of War
Frankel, j	International Relations
Knerr and verba	The International System
Sprout and Sprout	International Politics
Gibbs, G	Problems of International Relations

Frankel, J	Making of the Foreign Policy
Northegee	Foreign Policy and Powers
Goldwin, R	Reading in World Politics
Thompson, P	Foreign Policy of the World
Black, C	Neutalization
Kar, EH	Between Two World Wars
Bernard, L	War and Its Causes
Singh, Dr. LJ	The Impact of War on International Relations Since 1945
Singh, Dr. LJ	Problems of War and Peace
Sharms, PD	International Relations
Morgenthau, HG	Politics Among Nations
	AND

**Other books as prescribed by the teacher concerned**

### **Core Paper- 3 : Defence Economics**

#### **Course Contents :**

**AIM** To equip the student to critically analyze the economic problems of Defence and their management.

#### **1. Introduction :**

- contemporary Economic Systems.
- Natural resources in Economic and War Management
- Assessing economic and war potential of the developing and developed countries.
- Role of technology research and Development.

#### **2. General Problem of Optimization**

- Elementary game theory and linear programming.
- Cost benefit Analysis.
- Economic and Defence planning : Problem of Defence in Relation to Limitation of resources.

#### **3. Defence Budgeting :**

- Simple national Income Analysis.
- Determinants of Defence Budget.
- Factors influencing choice Alternative weapon System
- Cost effectiveness in selection of military expansion.
- Economics of Conventional Vs. Nuclear weapon System

- (f) Analysis of Defence budget in India Since 1957

#### 4. Mobilization of Resources for Defence :

- (a) Domestic Resources ;

- (i) Direct Methods.

Increasing Duration of working hours. Additional employment curtailing vacation time wages and income freeze consumption and controls.

- (ii) Fiscal and monetary methods :

Fixation and borrowing & deficit financing.

- (iii) Economic implication of technical aspects of Defence Productions in India

- (b) Foreign Resources :

- (i) Role of private foreign capital

- (ii) Role of foreign capital through government institution.

- (iii) Problems of Imported technology in Defence production.

5. Defence production organisation and role of Directorate General of Ordnance factories and various departmental factories. The part played by private sector *and public sector*. The role and range of foreign collaboration. The part played by research and development in Defence Production. Self reliance in Defence Production.

#### 6. War time Mobilisation

- (a) Priority transfer of resources.

- (b) Emergency in the nature of the above mentioned problems.

- (c) Techniques of control and rationing with reference to production *consumption and distribution*.

#### 7. Economic Warfare- Its Techniques :

- (a) Scope and content of Economic Warfare.

- (b) Denial of resources to the enemy.

- (c) The role of foreign aid.

#### 8. Affects of War :

- (a) Problems of an inflationary economy.

- (b) Problems of Balance of Payments.

- (c) The danger of exhaustion of economic resources and solutions.

**9. Problems of reconstruction :**

- (a) Problems of Reconstruction and Rehabilitation.
- (b) Institutional technological and Industrial development due to war.
- (c) Economics of military alliances.
- (d) Economics of Disarmament.

**Selected Readings :**

Ghosh, Alka	Indian economy its Nature and problems
Murphy	The British War Economy
Pigou, AC	Political Economy of War
Medicott, WN	The Economic Problems in War and peace.
Singh, D. Bright	Economics of Development.
Hiten and Mikean	Economics of Defence
Clerk, JJ	The New Economics of national Defence.
Hitan	Decision making for Defence
Bhargava, RN	The Theory and working of Union Finance in India.
Samaelson Paul	Economics
Euson	Monetary Theory and Fiscal Policy.
Mehta, JK	Problems of Economic Development
Nurkso, Ranger	Problems of Capital Formation in Under Development countries.
Gavin Kenneedy	Defence Economics.

**Practical M.Sc. Part (I)****Part- I****Military Journalism**

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|-----|----------------|----------|
| (A) | Paper Clipping | 30 Marks |
| (B) | Viva           | 20 Marks |
- (a) News Paper cutting on National and International Affairs during the season.
  - (b) Give a 20 minutes talk on National and International Affairs During the season.
  - (c) Group Discussion. 10 Marks

**Part- II**

Fundamentals of Computer and Programming concept. 40 Marks

**Note :** Group discussion will be gone through in the periods allotted on all the subjects from (i) to (iii), but at the practical exam. One of the three from the above shall be selected for the purpose of assessment by the external and internal examiner.

In view of the courses on the National Security and Area Studies, the students are required to visit the installation of military significance so as to enable them to understand the ground realities. Based on the field study the *students have to prepare their respective reports and the candidate* would be examined at the time of practical examination of the subjects. The college/University may provide financial assistance to teacher-in-charge and the students of the concerned tour. Non-teaching staff may be given financial help in this regard.

**Practical M.Sc.**