

B.A/ B.Sc. III

PAPER-I

Arab-Israel Wars of 1967 and 1973

Part I –

Arab-Israel War 1967

1. Historical background of the hostility, Middle-East in global strategy 1967: Impact of terrain and geographical location on military, relative strength of opposing forces of 1967, War in the air.
2. The Sinai Theatre – Rival strategies and tactics, break-through at Raffah, military operations and analysis of the tactics, breakthrough at Raffah, military operations and analysis of the battle, battle of ABU Ageila, Analysis of first, second and third day's fighting: final days fighting, an evaluation of Sinai fighting.
3. The Jordanian Front-Rival dispositions and plans; Battles on 5-8 June 1967; military operations on 7,8 June 1967 over all- analysis of war on the Jordanian front.
4. The Syrian Front – Rival dispositions and strategies ; operations during 5-8 June 1967; Israeli Plan of attack and the operations on 9 June 1967;operation on 10 June 1967and capture of Golan Heights; An evaluation of fighting of the Syrian front.
5. The navel fighting in 1967- Rival naval balance and strategies; course of naval events; comments of naval fighting.
6. Lesson of the 1967 war.

Part II-

Arab-Israeli War 1973

1. Background to the 1973 war- Event after 1967 war; Post-1967 boundaries in the Middle East: genesis and causes of 1973 war.
2. Preparatory stage of war- Strategic aims of Arabs and Israeli preparations and planning, at by Arab and Israelis Military balance.
3. The war between Egypt and Israel- The Bridgehead battle and the Egyptian crossing of Suez- Canal; Stalemate in Sinai; Israeli counter offensive; salient lessons emerged from these operations.
4. The war between Syrian and Israel- Rival dispositions and plans; Syrian offensive of Golan front, Israeli counter- offensive Lessons on the Golan front.
5. The Air War- Rival air strategies; conduct of air operations; lessons of the air war.

6. The Naval War – Rival naval strategies ; conduct of naval operations; lessons of the naval war.
7. Lessons of the 1973 war.
8. Post- 1973 development and the peace process.

Books Recommended;

- 1- A. Braun (ed.) – The Middle-East in Global Strategy, London Masell Pub., 1987
- 2- D. Banerjee and A.A.Athale, Arab-Israeli Wars 1967 and 1973, Pune 1980
- 3- A.H. Cordesman, The Gulf and the Search for Strategic Stability, London Mansell Pub. Ltd.,1984
- 4- Sasd El-Shazly, The Arab Military Option, London Mansell Pub., 1986
- 5- Col. B. K. Narayan, Lessons and Consequences of October war
- 6- Rajendra Prasad & S.P.Yadav, Arab-Israel Yudh (1967 &1973)
- 7- Col. B. K. Narayan, Arab-Israeli War 1973
- 8- Moshe Dayan, Story of My Life
- 9- R. Churchill, Six Days War

(Other books as recommended by teachers)

PAPER-II –

Military Psychology:

- 1-
 - a- Dimensions of behavior, motivation, affective and cognitive process, Relevance of Psychology in Defence Problems.
 - b- Personnel selection and classification for defence services , use of intelligence tests, group testing procedures and elementary personality testing.
 - c- Application of the Principles of Psychology in military training, motivation, learning transfer of training group and individual training.
 - d- Factors in adjustment of the ex- soldiers.
- 2-

Group Dynamics in Military Life:

 - (a) **Group-** Structure, types and their functions, formation of social norms, groups problems solving.
 - (b) **Leadership-** Nature of leadership. Function of a leader, Emergency of a leader, typing of leadership , Leadership training.
 - (c) **Morale-** Nature, determinants and techniques of morale, its significance in Defence.
 - (d) **Attitude-** Attitude organizations. Impact of military life of the formation of attitudes, attitudes channel.
- 3-

Psychological Warfare:

- (a) Nature type organization and techniques of military propaganda.
- (b) Structure, theories and techniques of coercive persuasion, determinant of brain washing effects.
- (c) Psychological of rumor, nature techniques and its merits and demerits its impact on war and society.

Books Recommended:

- 1- Boring, E.G. – ‘ Psychology for the Armed Services’
- 2- Lienbarger – ‘ Psychological Warfare’
- 3- Mao Comich – ‘ Human factor Engineering’
- 4- Barlett, F.C. – ‘ Psychology and the Soldier’
- 5- Herrings – ‘ air war and Emotional Stress’
- 6- Mann. J. – ‘ Frontiers of Psychology’
- 7- Lifon, R.J. – ‘ Through Reform and Psychology of Totalism’
- 8- Sehein, E.H. – ‘ Coercive Persuasion’
- 9- Second and Bachman –‘ Social Psychology’
- 10- ICSSR Publication – A Survey of Research in Psychology
- 11- Grinker, R.R. – ‘ Man under Stress’

(Other books as recommended by teachers)

PAPER-III –

Insurgency and Counter Insurgency

- 1- Revolutionary war and Guerilla Warfare
- 2- History of Guerilla Warfare
- 3- Theory of Guerilla warfare,
- 4- Unconventional warfare in the Nuclear Age.
- 5- Three intangible factor- Time, Space and will.
- 6- Characteristics of Guerilla warfare. Special criteria governing guerilla warfare Environment. Unit of functions and proximity.
- 7- Strategy and tactics of Guerrilla warfare. Thoughts of Lenin, Mao-tse-Tung and Che-Guevara
- 8- Modern concepts -Urban Guerrilla warfare and its philosophers.

- 9- Counter- insurgency: Basic principles of success of counter insurgency in the Mountains of Greece and in the jungles of Malaya .
- 10- Defeat in the jungles of Indo-China and Vietnam
- 11- Problems in insurgence in the developing countries(Special reference of South East Asia)

Books Recommended:

- 1- **Guerrilla: A Historical and Critical Study, Walter Laqueur, Weidenfeld Nicolson, London, 1977**
- 2- **Revolt in the Desert, T.E. Lawrence, London, 1927**
- 3- **Guerrilla Communism in Malaya, Lucian W. Pye, Princeton, 1956**
- 4- **Guerrilla Warfare, Che Guevara, London, 1969**
- 5- **Modern Guerrilla Warfare, Edited by Franklin Mark Osanka, The free press of Glencoe, 1962**
- 6- **The Essentials of Military Knowledge, D.K. Palit, The English Book Depot, 1970**
- 7- **Guerrilla Warfare, Mao Tse- Tung & Che Guevara, Cassell, London, 1969**
- 8- **An Introduction to the Art of War, S T Das, Sagar Pub., New Delhi, 1970**
- 9- **Counterinsurgency Warfare, David Galula, Sagar Pub. 1971**

(Other books as recommended by teachers)

PAPER-I PAPER-IV-

Remote Sensing and National Defence

- 1- Significance of remote sensing for National Defence.
- 2- Remote Sensing: Basic principles of remote sensing; aerial photography definition, scope, application the types; basic information for aerial photography, mission, aerial camera- components and functions; completion of photography task and production of positive copies; procurements of aerial photography in India.
- 3- Concept of remote sensing ; generation of electromagnetic radiation; imaging system; interaction with atmospheres and Earth surface; sensing

platform sensor system; optical, mechanical scanner, MSS Thermal ,imagery types.

- 4- Photogrammetry; geometry of aerial photography, tilt, swing, image interpretation; visibility of objects and image quality ;elements, techniques and steps of image interpretations; image displacement , orientation and rectification .

Books Recommended:

- 1- C. S. Agarwal and P. K. Garg , 'Remote Sensing'
- 2- Thomas M. Lillesand, Ralph W. Kiefer and Jonathan W. Chipman, ' Remote Sensing and Image Interpretation'
- 3- Leuder, D.R., ' Aerial Photographic Interpretation' 1959, McGraw-Hill
- 4- Curran, P.J. ' Principles of Remote Sensing', 1985, Longman, London
- 5- Cracknell A.P. ' Introduction to Remote Sensing' 1990, Taylor & Francis, London

PAPER-IV –

Strategic Geography

- 1-
 - a. Strategic Geography and its principles
 - b. The Planning Process.
 - c. Geography of Land, sea and air warfare.
 - d. Frontiers and boundaries.
 - e. Maritime boundaries and strategic geography.
- 2- Geographic and strategic polarity and multiplicity of interests.
- 3- Strategic geography and India
 - a. India in the world strategic arena.
 - b. Strategic geography of India and her geo-strategic problem with special reference to China and other neighbors in South Asia.
 - c. India's resource base; problem and prospects of the conversions of resources.
 - d. India's atomic energy and space development

- e. Enlargement of space, outer space, sea-bed and ocean floor and Antarctica; Impact of Sea on the environment of man; oceanic resources and measures of their exploration and use.
- f. Indian Ocean
- I. India and Indian Ocean: patterns of strategic reality and external powers presence.
 - II. Indian Ocean resources and India's growing interests.
 - III. India's present and future responsibilities.
- 4- Geo-Strategy: international relations and foreign policy-making.

Books Recommended:

- 1- S.B. Cohen – ' Geography and Politics in Divided World'
- 2- Ravi Kaul –' India's Strategic Spectrum'
- 3- J. Fairgrieve,-' Geography and World Power'
- 4- K.M. Pannikar,- ' Geographical Factors of Indian History'
- 5- M.K.Singh, - ' India's defence Strategy and Tactics'
- 6- Sisir Gupta, - ' Kashmir: A Study in India- Pakistan Relations'
- 7- Hari Saran & H.K.Sinha' Hind Mahasagar : Chunautiya evam vikalp (Hindi)

(Other books as recommended by teachers)

B.A/ B.Sc. III

Practical

Understanding Strategic Locations and Defence Installations

1- Spotting on the map with a short note-

(A) India-

a- India and her neighbours- Land and Maritime

b- Places of strategic importance- DRDO, ISRO, Ports, Shipyards, Nuclear reactors, Offshore Installations

(B) World-

a - Countries of South Asia, Central Asia, Southeast Asia and Gulf states

b - Suez, Panama and Kiel Canal

c - Nuclear countries of the world

d - Countries of

NATO,EU,ASEAN,SAARC,SCO,GCC,APEC,AU,BIMSTEC,ARF,IOR-ARC

2- Indian Army, Navy and Air Force Commands and Head Quarters

3- Paper clippings on allotted current topics with a brief covering note.

Or

Educational tour and its report