

KURUKSHETRA UNIVERSITY, KURUKSHETRA

B.A. 1st YEAR Defence Studies

Syllabus and Courses of Reading w.e.f. 2010-2011

- Note :**
1. *There will be one Theory Paper of 60 marks and one paper of Practical having 30 marks. 10 marks for Internal Assessment.*
 2. Examiner should set at least ten questions including one objective type multiple choice question, covering the entire syllabus, Candidates are required to attempt any five questions. No questions is compulsory.
 3. *The candidates are required to pass separately both in Theory and in Practical paper.*

Semester-I

Paper -I: World Military History (Earliest Times to 1789 A.D.)

Max. Marks : 50
Internal Assessment: 20
Time : 3 Hours

1. **Influence of Armament of the History of World:**
 - a. Inter-Relationship of Weapons and Tactics
 - b. Wintringhams theory and Fuller's classification
 - c. Constant Tactical factor
2. **The Age of Valour:**
 - a. Comparative study of Greek Phalanx and Roman Legion with special reference to the Battle of Pydna (168 B.C.)
 - b. Detailed study of the Battle of Arbella (331 B.C.)
 - c. Battle of Cannae (216 B.C.)
 - d. Reforms made by Alexander the Great in the Art of Warfare.
3. **The Age of Chivalry:**
 - a. The decline of infantry and emergence of cavalry with special reference to the Battle of Adrianople (378 A.D.)
 - b. Study of Battle of Hastings (1068 A.D.)

Books Recommended:

1. J.F.C. Fuller: Armament and History
2. Tome Wintringham: Weapons and Tractics
3. E.M. Earle: Makers of Modern Strategy
4. J.F.C. Fuller: Conduct of War
5. Cyril Falls: A Hundred Years of War
6. S.T. Das: An Introduction to the Art of War
7. B.N. Maliwal: Sainya Vigyan.

Paper-II: (Practical) Map Reading

Max. Marks: 30
Time: 3 Hours

Practical Test	20 Marks
Practical Record	05 Marks
Viva-voce	05 Marks

1. **Map:** Its definition, characteristics, classification, Management Information of a Topo-sheet and its utility for Military.
2. Conventional Sign: Military and Geographical
3. Grid System: Four figure and six figure Map references.
4. Sheet Number: Million Sheets, 'Quarter-Inch Sheets', Half-inch sheet', 'One-inch Sheet' and index of sheets.
5. Scale: Definition. Three methods of representing scale interconversion of Statement into R.F. constructions of Simple Scale Line and the comparative scale lines.

Note: Practical exercises should be carried out on Top-Sheets.

Books Recommended:

1. Gale and Polden : Military Map Reading
2. Hazari Lal : Samrik Manchitra Pathyan (Hindi)
3. B.N. Maliwal : Prakriyatmal Sainya Vigyan (Hindi) Vol. I and II).
4. M.P. Verma : Sainik Manchitra Vigyan.

Semester-II

Paper -I: World Military History (Earliest Times to 1789 A.D.)

Max. Marks : 50
Internal Assessment: 20
Time : 3 Hours

1. The Age of Chivalry:

- a. Causes of the decline of Cavalry
- b. Influence of Feudalism, Church and Chivalry on medieval warfare

2. The Age of Gun-Powder

- a. Advent of Fire Arms and re-emergence of infantry
- b. Impact of Science and Technology on warfare
- c. Military reforms and contributions of Gustavus Adolphus and Frederick the Great.

3. The Age of Steam:

- a. Revolution in Tractics
- b. French Revolution – 1789 A.D.
- c. Napoleonic Art of War
- d. Battle of Waterloo – 1815 A.D.

Books Recommended:

1. J.F.C. Fuller: Armament and History
2. Tome Wintringham: Weapons and Tractics
3. E.M. Earle: Makers of Modern Strategy
4. J.F.C. Fuller: Conduct of War
5. Cyril Falls: A Hundred Years of War
6. S.T. Das: An Introduction to the Art of War
7. B.N. Maliwal: Sainya Vigyan.

Paper-II: (Practical) Map Reading

Max. Marks: 30

Time: 3 Hours

Practical Test	20 Marks
Practical Record	05 Marks
Viva-voce	05 Marks

1. North: Types of North and finding out True North Direction-by-equal Altitude Method, Watch Methods, Compass Method, etc.
2. Bearing and Inter – Conversion of Bearings, in detail.
3. Liquid Prismatic Compass – functions of its various parts and the following exercises on the Prismatic Compass.
 - a. To determine magnetic North by Compass.
 - b. Setting the MAP by compass.
 - c. To find out the bearing of a point from other points situation on the ground.
 - d. To determine own's and enemy's position on the map Resection and Inter-section Method with the help of Compass.
4. Determination of Individual Compass Error (ICE).
5. Service Protector: Its types and uses.

Note:- Practical exercises should be carried out on Top-Sheets.

Books Recommended:

1. Gale and Polden : Military Map Reading
2. Hazari Lal : Samrik Manchitra Pathyan (Hindi)
3. B.N. Maliwal : Prakriyatmal Sainya Vigyan (Hindi) Vol. I and II).
4. M.P. Verma : Sainik Manchitra Vigyan.

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B.A. 2nd YEAR Defence Studies

Syllabus and Courses of Reading w.e.f. 2011-2012

- Note:**
1. There will be one theory paper of 60 marks and one paper of practical having 30 marks and 10 marks for Internal Assessment.
 2. Two theory papers (Opt. A and Opt. B) have been prescribed. The candidate is to take any of them.
 3. Examiner should set at least ten questions including one objective type multiple choice question, covering the entire syllabus, Candidates are required to attempt any five questions. No questions is compulsory.
 4. The candidates are required to pass separately both in theory and in practical papers.

Semester-III

Paper-I (Option-A): Military Thinkers and Military History

Max. Marks : 50
Internal Assessment: 20
Time : 3 Hours

a) Military Thinkers:

- (1) Machiavelli
- (2) Vauban
- (3) Jomini
- (4) Napoleon
- (5) Clausewitz

b) Principles of War:

- (1) Selection and Maintenance of Aim
- (2) Offensive Action
- (3) Concentration
- (4) Economy of Forces
- (5) Co-operation

Paper-I (Option-B): Study of War

(1) Nature of War:

- (a) Definition of War, its Scope, Advantages and Disadvantages.
- (b) Evolution of War-Feudal Dynastic People, Total Nuclear Wars.
- (c) Cold-War-Psychological, Economic and Diplomatic.
- (d) Guerilla War
- (e) Features of Modern War
- (f) Future of War

(2) Principles of War:

- (a) Selection and Maintenance of Aim
- (b) Offensive Action
- (c) Concentration
- (d) Economy of Forces
- (e) Co-operation
- (f) Security
- (g) Surprise
- (h) Mobility
- (i) Maintenance of Moral and Administration

Books Recommended:

1. Essentials of Military Knowledge : Major Gen. Palit
2. Nature of Modern War : Cyril Falls
3. Samarik Siddhant : M.D. Verma
4. The Art of Land Warfare : B.N. Maliwal
5. India Wins the War : S.N. Rampal
6. An Introduction of the Art of War : S.T. Das
7. The Study of Military History : Shepperd
8. The Study of Indirected Approach : Little Hart

Paper-II: (Practical) Map Reading Part-II

Max. Marks: 30
Time: 3 Hours

Practical Test	20 Marks
Practical Record	5 Marks
Viva-Voce	5 Marks

1. SCALE: Construction of Time Scale Diagonal Scale.
2. Bearing and Inter-conversion of Bearing with I.C.E.
3. Finding position on the griddle Map by Intersection Method and Resection method.
4. Relife Feature and their representation on the map.
5. Types of slope and their representation on the map by contour lines.

Note: The above mentioned exercise should be carried out on Top Sheets.

Semester-IV

Paper-I (Option-A): Military Thinkers and Military History

Max. Marks : 50
Internal Assessment: 20
Time : 3 Hours

a) Military Thinkers:

- (1) A.T. Mahan
- (2) Doughet
- (3) Hitler
- (4) Liddle Hart

b) Principles of War:

- (1) Security
- (2) Surprise
- (3) Mobility
- (4) Maintenance of Moral
- (5) Administration

Paper-I (Option-B): Study of War

Max. Marks : 50
Internal Assessment: 20
Time : 3 Hours

(1) Strategy and Tactics:

Various definitions, distinction between strategy and Grand strategy. Evolution of Tactics during 19th and 20th Century, Strategy of indirect approach, strategy of Annihilation and Strategy of Exhaustion.

(2) Indo-Pak War 1965 and 1971 A.D. and Battle of Kargil 1999 with references to the following:

- (i) Causes of War
- (ii) Study of War in outline
- (iii) Political and Military lessons learnt.

(3) Origin and Causes of World War I and II

Books Recommended:

- 1. Essentials of Military Knowledge : Major Gen. Palit
- 2. Nature of Modern War : Cyril Falls
- 3. Samarik Siddhant : M.D. Verma
- 4. The Art of Land Warfare : B.N. Maliwal
- 5. India Wins the War : S.N. Rampal
- 6. An Introduction of the Art of War : S.T. Das
- 7. The Study of Military History : Shepperd
- 8. The Study of Indirect Approach : Little Hart

Paper-II: (Practical) Map Reading Part-II

Max. Marks: 30
Time: 3 Hours

Practical Test	20 Marks
Practical Record	5 Marks
Viva-Voce	5 Marks

- 1. Gradient and Slope in Degrees.
- 2. To determine inter-visibility between two points; Gradient method, Sum proportion method and Section drawing method.
- 3. To draw a Field Sketch from a given Route Report.
- 4. Enlargement and Reduction of Maps.
- 5. To prepare a Route from a given narrative Data.

Note: The above mentioned exercise should be carried out on Top Sheets.

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B.A. 3rd YEAR Defence Studies

Syllabus and Courses of Reading w.e.f. 2012-2013

- Notes: 1. There will be one theory paper of 60 marks and one paper of practical having 30 marks and 10 marks for Internal Assessment.
2. Two theory papers (Opt. A and Opt. B) have been prescribed. The candidate is to take any one of them.
3. The examiner should set at least ten questions including one objective type multiple choice question covering the entire syllabus. Candidates are required to attempt any five questions. No questions is compulsory.
4. The candidates are required to pass separately both in theory and in practical papers.

Semester-V

Paper-I Opt.(A): National Defence and Security

Max. Marks : 50
Internal Assessment: 20
Time : 3 Hours

1. Meaning of National Defence and Security
2. Essentials of National Defence:
 - (a) Geographical factors – Location, Frontiers, Terrain, Climate.
 - (b) Economic Factors – Resources, Industrial and Scientific Development, Transport and Communication.
 - (c) International Political Conditions.
 - (d) Defence Mechanism of Modern State.
3. India's Defence Problem from 1947 to date.
4. India's Defence Policy.
5. Nuclear Policy of India.
6. Civil Military Relations of India.
7. Civil Defence:
 - (a) Definition
 - (b) Need and Importance of Civil Defence.
 - (c) Organisation and Measures of Civil Defence.

Books Recommended:

1. Khera, S.S. : India's Defence Problem
2. Rao, P.V. : Defence Without Drift
3. Chopra, M.K. : India: The Search of Power
4. Panikar, K.M. : India & Indian Ocean
5. Sharma, Harveer : Rastriya Pratiraksha.
6. Kavie, L.J. : India: Quest for Security
7. Robbins : Economic Problems of War and Peace
8. Singh, Nagender : Defence Mechanism of the State
9. Das Gupta, A. : Economic and Commercial Geography of India.
10. Maliwal, B.N. : Rastriya Pratiraksha
11. Kumar, Dhirender : India: Nuclear Estate

Paper-I Opt.(B): International Relations (Defence Aspects)

Max. Marks : 50
Internal Assessment: 20
Time : 3 Hours

1. Causes of First World War.
2. The peace Settlement (1919-23):
The treaty of Versailles, the treaty of St. Germans; the treaty of Trianon, the treaty of Neuilly, the treaty of Servet and the treaty of Lausanne, Creation of New States.
3. League of Nations:
Its purpose and organization; League and the problem of Collective Security. Estimate of League's work and causes of the failure of the League.
4. Causes of World War-II
5. United Nations Organisation:
Its purpose and Principles, Organisation, Estimation of its work, its superiority over the League of Nations; Proposals for Strengthening it. U.N.O. and the problem of Collective Security. Merits and Limitations of the U.N.O.; Collective Security System.

Books Recommended:

1. Morgenthau, H.J. : Politics among Nations
2. Kumar, Mahender : Theoretical Aspects of International Politics
3. Chakravarty, Raghuvir : International Relations
4. Palmer and Perkins : International Relations
5. Verma, D.N. : International Relations
6. Wright, Quincy : The Study of International Relations
7. M. Bellof : The Foreign Policy of Soviet Russia

Paper-II: (Practical) Elementary Tactics upto Infantry Platoon Level

Max. Marks: 30

1. Sand Model Meaning, Importance and Preparing.
2. Detailed Study of an infantry Platoon including Organisation, Weapons and Equipments.
3. Study of Field Crafts with references to the following:
(a) Ground (b) Cover (c) Camouflage (d) Concealment
(e) Observation
4. Application of Fire-Fire Control and Fire Control orders.
5. Practical Formations-Section and Platoon.
6. Verbal Orders.

Note:- The course mentioned above shall be carried on sand models with a view to prepare candidates upto command of an infantry platoon.

Semester-VI

Paper-I Opt.(A): National Defence and Security

Max. Marks : 50
Internal Assessment: 20
Time : 3 Hours

1. Military in aid to Civil War.
2. Geostrategic Location of India.
3. Importance of Indian Ocean in India's Defence.
4. India's Relations with
 - a. Pakistan
 - b. China
 - c. Bangladesh
 - d. Sri Lanka
 - e. Nepal
 - f. Afghanistan
5. War Finance – Taxation, Borrowing and Inflation.
6. Cost of War (Real Cost of War)
7. Economic Mobilization.

Books Recommended:

1. Khera, S.S. : India's Defence Problem
2. Rao, P.V. : Defence Without Drift
3. Chopra, M.K. : India: The Search of Power
4. Panikar, K.M. : India & Indian Ocean
5. Sharma, Harveer : Rastriya Pratiraksha.
6. Kavie, L.J. : India: Quest for Security
7. Robbins : Economic Problems of War and Peace
8. Singh, Nagender : Defence Mechanism of the State
9. Das Gupta, A. : Economic and Commercial Geography of India.
10. Maliwal, B.N. : Rastriya Pratiraksha
11. Kumar, Dhirender : India: Nuclear Estate

Paper-I Opt.(B): International Relations (Defence Aspects)

Max. Marks : 50
Internal Assessment: 20
Time : 3 Hours

1. The theory of Balance of Power and the new Balance of Power.
The various meanings. Evolution of the Balance of Power, Methods of the Balance of Power.
2. National Interest:
Definition, National Interest and Foreign Policy; Security and National Interest.
3. Foreign Policy of China, India, Pakistan, Bangladesh and Sri Lanka.
4. Contemporary Foreign Policy of U.S.A. and Russia.

Books Recommended:

1. Morgenthau, H.J. : Politics among Nations
2. Kumar, Mahender : Theoretical Aspects of International Politics
3. Chakravarty, Raghuvir : International Relations
4. Palmer and Perkins : International Relations
5. Verma, D.N. : International Relations
6. Wright, Quincy : The Study of International Relations
7. M. Bellof : The Foreign Policy of Soviet Russia

Paper-II: (Practical) Elementary Tactics upto Infantry Platoon Level

Max. Marks: 30

1. Patrols – Types and Stages of Patrolling
2. Battle Procedure
3. Military Appreciation of a situation in attack and Defence.
4. Platoon in attack – Types, principles of attack, stage of attack, Battle Craft for platoon in attack and platoon attack exercises.
5. Platoon Defence Types, Principles of Defence, Defence operation.
6. Military Message writing.
7. Ambush – Organisation of ambush party, Ambush operation.
8. Lecture on any theory topics.

Note:- The course mentioned above shall be carried on sand models with a view to prepare candidates upto command of an infantry platoon.