

DEFENCE STUDIES

SCHEME OF EXAMINATION OF B.A. (PASS) EXAMINATION IN DEFENCE STUDIES-2010-2011

B.A.-1: 1st Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
Paper-1 (Theory) World Military History (Earliest Time to 1789 A.D.)	100	60		10	3 Hrs.
Practical			30		

B.A.-I: IInd Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
Paper-II (Theory) Military Psychology	100	60		10	3 Hrs.
Practical			30		

B.A.-II: IIIrd Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
Paper-III (Theory) World Military History (Modern)	100	60		10	3 Hrs.
Practical			30		

B.A.-II: IVth Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
Paper-IV (Theory) Study of War	100	60		10	3 Hrs.
Practical			30		

B.A.-III: Vth Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
Paper-V (Option-A) (Theory) National Security-1	100	60		10	3 Hrs.
Practical			30		

B.A.-III: (Option-A) Vth Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
Paper-VI (Option-A) (Theory) National Security-1I	100	60		10	3 Hrs.
Practical			30		

B.A.-III: (Option-B) Vth Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
Paper-V (Option-B) (Theory) International Relations-I	100	60		10	3 Hrs.
Practical			30		

B.A.-III (Option-B) Vth Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
Paper-VI(Option-B) (Theory) International Relations-II	100	60		10	3 Hrs.
Practical			30		

DEFENCE STUDIES
B.A.-I: 1st Semester (Theory)

Paper-I: WORLD MILITARY HISTORY-1 (Earliest Time to 1789 A.D.)

Max.Marks : 60
Time: 3 Hrs

1. Influence of Armament on the History of World.

- a) Inter-Relationship of weapons and tactics.
- b) Wintringham's 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: (378 AD-1346 AD)

- a) 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.)
- c) Study of Battle of Crecy (1346 A.D.)
- d) Causes of the Decline of Cavalry.
- e) Influence of Feudalism, Church and Chivalry, Medieval Warfare.

4. The Age of Gun-Powder: (1346-1789 A.D.)

- 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.

5. The Age of Steam:

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

6. Contemporary Military Thinkers:

- a) Sunzu.
- b) Kautilya.
- c) Machiavelli.
- d) Clausewitz.
- e) Jomini.

Note:

1. There will be one theory paper of 60 marks and one paper of practical having 30 marks (Semester wise).
2. Examiner should set atleast 10 questions including one compulsory objective type (Multiple choice) question covering the entire Syllabus. Candidates are required to attempt 5 questions including compulsory question (Semester wise).
3. Candidates are required to pass separately both theory and practical papers (Semester wise).

Books Recommended:

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

DEFENCE STUDIES

B.A.-1:1st Semester (Practical)

Paper-I-PRACTICAL (MAP READING-I)

	Practical
	Max.Marks : 30
	Time : 3 Hrs.
Practical Test :	20 Marks
Practical Record:	5 Marks
Viva Voce :	5 Marks

1. MAP its Definition, Characteristics, Classification, Marginal Informations of a Topo-Sheet and its utility for Military.
2. CONVENTIONAL SIGNS: Military and Geographical.
3. GRID SYSTEM; Four figure and Six Figure Map References.
4. SHEET NUMBER ; Million Sheets 'Quarter inch sheets' Half inch Sheets' 'One inch Sheet' and index of Sheets.
5. SCALE; Definition, three methods of representing scale, inter-conversion of Statement into R.F.Construction of Simple Scale line and the Comparative Scale lines.
6. PROJECT REPORT (Defence Aspects).
7. EDUCATIONAL TOUR.

Note : Practical exercise should be carried out on TOPO SHEETS

Books Recommended:

1. Military Map Reading by Gale and polden.
2. Samrik Manchitra pathan (Hindi) Professor-Hazari Lal.
3. Prakriyatmak Sanya Vigyan (Hindi) Vol-1 & II by B.N.Maliwal.
4. Sainik Manchitra Vigyan-M.P.Verma.

DEFENCE STUDIES
B.A.-1: IInd Semester
Paper-II-MILITARY PSYCHOLOGY (Theory)

Max.Marks: 60

Time : 3 Hrs.

1. Military Psychology: Development; Functions and Problems, Significance.
2. Human Factor in Fighting Forces:
 - i) Individual Differences, its importance for fighting forces.
 - ii) Vocational Fitness, right soldier for a right job; Placement.
 - iii) Methods of Selection: Job analysis, Interview: its merits and demerits.
3. Fatigue: Causes and remedy.
4. Motivation: Kinds, motivation during war.
5. Aptitude and Morale : Factors influencing Morale, Maintenance of Morale during War and Peace.
6. Tools of Psychological Warfare :
 - i) Brain Washing.
 - ii) Rumour.
 - iii) Technique of Propaganda.
 - iv) Indoctrination and Coercive persuasion.
7. Military Leadership: Triats, Types and Qualities.
8. Discipline and man-Management.

Note:

1. There will be one theory paper of 60 marks and one paper of practical having 30 marks (Semester wise).
2. Examiner should set atleast 10 questions including one compulsory objective type (Multiple choice) question covering the entire Syllabus. Candidates are required to attempt 5 questions including compulsory question (Semester wise).
3. Candidates are required to pass separately both theory and practical papers (Semester wise).

Books Recommended:

1. Raj Narain: 'Military Psychology'; Bhargva Book Depot, Agra.
2. E.G.Boring: Psychology of Armed Forces-English Book Depot, 15 Rajpur Road, Dehradun. (Uttarakhand).
3. Psychology for Fighting Man-Maj. Hasnain-EBD, Dehradun.
4. Psychology and the Soldier-Bartleft.
5. Psychology and the Solider-N.Copeland.
6. Line Barger: Psychological Warfare.
7. Sprott-Social Psychology.
8. Dr.N.P.Tiwari: Military Psychology: 2005, Chandra Prakash & Company, Hapur-Distt.Ghaziabad (UP).
9. Smt.Pushpa Jain: 'Sainik Manovigyan' 1975-76; Gyan Mandal Prakashan, Patanpar Bazar, Gwalior-1 (M.P.).
10. Psychology, Understanding Human Behaviour: Sartain and others.



DEFENCE STUDIES

B.A.-I: IInd Semester(Practical)

Paper-II-PRACTICAL (MAP READING-II)

Max.Marks: 30
Time: 3 Hrs.

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

1. NORTH: 'Types of North' and finding out True North Direction by equal Altitude Method, Watch Method, Compass Method etc.
2. Bearing and Inter-conversions 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 point situated on the ground.
 - d) To determine own's and enemy's position on the MAP by Re-section and Inter-section methods with the help of compass.
 - e) To set the compass in a particular direction for night march.
4. Determination of Individual Compass Error (ICE).
5. Service Protractor: Its types and uses.
6. Project Report.
7. Educational Tour.

Note : Practical exercise should be carried out on TOPO SHEETS.

Books Recommended:

1. Military Map Reading by Gale and Polden.
2. 'Samrik Manchitra Pathan' (Hindi) Professor-Hazari Lal.
3. 'Prakriyatmak Sanya Vigyan' (Hindi) : Vol.-1 & II by B.N.Maliwal.
4. 'Sainik Manchitra Vigyan' M.P.Verma.