

## Syllabi Scheme for Defence Studies

### SCHEME OF EXAMINATION OF B.A. (PASS) EXAMINATION IN DEFENCE STUDIES-2010-2011 B.A.-1: 1<sup>st</sup> Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
<b>Paper-1 (Theory)</b> <b>World Military History (Earliest Time to 1789 A.D.)</b>	<b>100</b>	<b>50</b>		<b>20</b>	<b>3 Hrs.</b>
<b>Practical</b>			<b>30</b>		

### B.A.-I: IInd Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
<b>Paper-1I (Theory)</b> <b>Military Psychology</b>	<b>100</b>	<b>50</b>		<b>20</b>	<b>3 Hrs.</b>
<b>Practical</b>			<b>30</b>		

### B.A.-II:IIIrd Semester

Name of Paper/Nomenclature	Max. Marks	Theory	Practical	Internal Assessment	Time
<b>Paper-1II (Theory)</b> <b>World Military History (Modern)</b>	<b>100</b>	<b>50</b>		<b>20</b>	<b>3 Hrs.</b>
<b>Practical</b>			<b>30</b>		

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### **B.A.-II:IVth Semeser**

<b>Name of Paper/Nomenclature</b>	<b>Max. Marks</b>	<b>Theory</b>	<b>Practical</b>	<b>Internal Assessment</b>	<b>Time</b>
<b>Paper-1V (Theory) Study of War</b>	<b>100</b>	<b>50</b>		<b>20</b>	<b>3 Hrs.</b>
<b>Practical</b>			<b>30</b>		

### **B.A.-III: Vth Semester**

<b>Name of Paper/Nomenclature</b>	<b>Max. Marks</b>	<b>Theory</b>	<b>Practical</b>	<b>Internal Assessment</b>	<b>Time</b>
<b>Paper-V (Option-A) (Theory) National Security-1</b>	<b>100</b>	<b>50</b>		<b>20</b>	<b>3 Hrs.</b>
<b>Practical</b>			<b>30</b>		

### **B.A.-III: (Option-A) VIth Semester**

<b>Name of Paper/Nomenclature</b>	<b>Max. Marks</b>	<b>Theory</b>	<b>Practical</b>	<b>Internal Assessment</b>	<b>Time</b>
<b>Paper-VI (Option-A) (Theory) National Security-II</b>	<b>100</b>	<b>50</b>		<b>20</b>	<b>3 Hrs.</b>
<b>Practical</b>			<b>30</b>		

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

<b>Name of Paper/Nomenclature</b>	<b>Max. Marks</b>	<b>Theory</b>	<b>Practical</b>	<b>Internal Assessment</b>	<b>Time</b>
<b>Paper-V (Option-B) (Theory) International Relations-I</b>	<b>100</b>	<b>50</b>		<b>20</b>	<b>3 Hrs.</b>
<b>Practical</b>			<b>30</b>		

### **B.A.-III (Option-B) VIth Semester**

<b>Name of Paper/Nomenclature</b>	<b>Max. Marks</b>	<b>Theory</b>	<b>Practical</b>	<b>Internal Assessment</b>	<b>Time</b>
<b>Paper-VI(Option-B) (Theory) International Relations-II</b>	<b>100</b>	<b>50</b>		<b>20</b>	<b>3 Hrs.</b>
			<b>30</b>		

**Note:-** House examinations has been scraped at Under Graduate level in the subject of Defence & Strategic Studies from Session 2011-12 in view of introduction of Semester System.

## **B.A.-I: 1st Semester (Theory)**

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

**Max.Marks : 50**

**Time : 3 Hrs**

**Int. Assessment : 20Marks**

#### **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:**

- 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.**

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**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.**

**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.**

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## DEFENCE STUDIES

### B.A.-1:1<sup>st</sup> Semester (Practical)

#### Paper-I-PRACTICAL (MAP READING-I)

	<b>Practical</b>	
	<b>Max.Marks</b> :	<b>30</b>
	<b>Time</b> :	<b>3 Hrs.</b>
<b>Practical Test</b> :		<b>20 Marks</b>
<b>Practical Record:</b>		<b>5 Marks</b>
<b>Viva Voce</b> :		<b>5 Marks</b>

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: 2nd Semester**  
**Paper-II-MILITARY PSYCHOLOGY (Theory)**

**Max.Marks: 50**  
**Time : 3 Hrs.**  
**Int. Assessment: 20 Marks**

**Military Psychology: Development; Functions and Problems, Significance.**

**1. 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.**

**2. Fatigue: Causes and remedy.**

**3. Motivation: Kinds, motivation during war.**

**4. 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: Traits, Types and Qualities.**

**8. Discipline and man-Management.**

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**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-Bartlett.**
- 5. Psychology and the Soldier-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.**

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## DEFENCE STUDIES

### B.A.-I: 2nd 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.