

THE UNIVERSITY OF BURDWAN
SYLLABUS FOR B.A. (GENERAL) IN DEFENCE STUDIES UNDER SEMESTER
WITH C.B.C.S. (W.E.F. 2017-2018 ONWARDS)

THE UNIVERSITY OF BURDWAN



SYLLABUS FOR 3- YEAR B.A. (GENERAL)
IN
DEFENCE STUDIES
UNDER SEMESTER WITH C.B.C.S.
(W.E.F: 2017 – 18 ONWARDS)

SEMESTER – I

CORE COURSE (CC – 1A): FUNDAMENTALS OF WAR

SEMESTER – II

CORE COURSE (CC – 1B): MILITARY GEOGRAPHY AND MAP READING

SEMESTER – III

CORE COURSE (CC – 1C): WORLD MILITARY HISTORY

SEC – 1: CONSTITUTION OF INDIA

SEMESTER – IV

CORE COURSE (CC – 1D): INTRODUCTION TO SMALL ARMS, FIELD
ENGINEERING, FIELD CRAFT AND BATTLE
CRAFT

SEC – 2: INDIA AND HER NEIGHBOURING COUNTRIES,

SEMESTER – V

DSE – 1A: NATIONAL SECURITY OF INDIA – I

SEC – 3: HUMAN RIGHTS

GE – 1: ARMED FORCES AND SOCIETY

SEMESTER – VI

DSE – 1B: NATIONAL SECURITY OF INDIA – II

SEC – 4: TERRORISM AND CONFLICTING IDEOLOGY

GE – 2: DEFENCE MECHANISM OF INDIA

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SEMESTER – I

CORE COURSE (CC – 1A): Fundamentals of War

Full Marks: 75, (Theory: 60, Internal Assessment : 15) CREDIT-6 (THEORY-5, TUTORIAL-1)

Unit 1: LECTURE HOURS-15

- (1) Definition and meaning of basic concepts—War, Campaign, Battle, Strategy, tactics, Security and defence
- (2) Objectives of war
- (3) Types of War — Hot war, Cold war & Psychological war

Unit 2: LECTURE HOURS-15

- (1) Historical evolution of warfare, features of warfare at various historical stages-Its contemporary features
- (2) Causes of warfare
- (3) Principles of warfare.

Unit 3: LECTURE HOURS-15

- (1) Conventional and unconventional wars—Civil war, Nationalist war, guerrilla war, insurgency, limited war and total war.
- (2) Land war—Jungle, Desert and Mountain
- (3) War—Aggressive, Protective and Supportive

Unit 4: LECTURE HOURS-15

- (1) Nuclear war — effects of nuclear explosion
- (2) Nuclear weapon treaties—PTBT, NPT, SALT-I, SALT-II, CTBT

REFERENCES:

1. Lt Col M.G. Abhysankar, Defence—Principles and Organization.
2. Major Shyam Dal & P.K. Mukherjee, Text Book of Military Knowledge.
3. Major D.K. Plait, The Essentials of Military Knowledge
4. Capt. K.S. Chatterjee, Handbook of Military Science
5. Government of India, The Army of India and its evolution, Calcutta, 1924.
6. Ministry of Defence, Government of India, Indian armed forces year book, (Annual)
7. Singh, Nagendra Singh, Defence Mechanism of Modern State (New Delhi, 1967)

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SEMESTER II

COURSE COURSE-(CC-1B): Military Geography & Map Reading

Full Marks:75, (Theory: 40, Practical:20, Internal Assessment: 15), TOTAL CREDIT-6
(THEORY-4, PRACTICAL-2)

Unit I (THEORY): LECTURE HOURS-30

- (1) Scope of Military Geography
- (2) Frontiers & boundaries—meaning and differences: Types; boundary making & function.
- (3) Communication routes—Land, sea and aerial—strategic scope
- (4) India's borders
- (5) Indian ocean territory& strategic significance

Unit II: LECTURE HOURS -30

- (6) Introduction of map & Conventional signs
- (7) Scales
- (8) The Grid system
- (9) Relief Contours & Gradients
- (10) Cardinals Points & finding North
- (11) Type of bearings and use of service Protractor

Unit III: (PRACTICAL) LECTURE HOURS-10, PRACTICAL HOURS-20

- (1) Prismatic Compass
- (2) Setting of Map, finding own position and North
- (3) Map to ground
- (4) Ground to map
- (5) Point to point march

REFERENCES:

- (1) Capt K.S Chatterjee Hand book of Military Science
- (2) Cadet Varta (Published by Directorate of NCC, West Bengal & Sikkim)- current edition
- (3) Major K A John, Cadets' Diary (Chennai : Cadet Centre, Chennai)
- (4) Major R. C Misra, A Hand Book of NCC (Kanti Prakashini , UP)
- (5) Cadets' Handbook, (Govt. of India Press, Ring Road, Mayapuri, New Delhi-110064) 2007.
- (6) Das, S.T, Geo- Strategies, Allahabad: Kitab Mahal, 1985
- (7) Chandler, David G, Atlas of Military Strategy: The Art, The theory and Practice of War, 1617-1878 (1980 reprint), London: Arms and Armour, 1996

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SEMESTER – III

CORE COURSE (CC – 1C): WORLD MILITARY HISTORY

Full Marks: 75 (Theory: 40, Practical: 20, Internal Assessment: 15), Total Credit – 6 (Theory – 4, Practical – 2)

Unit – I: Warfare in the Middle Ages LECTURE HOURS-15

- a) Crusades – age of Valour
- b) Mongol Military Systems
- c) Advent of gun powder and its impact on Warfare

Unit – II: Napoleonic Warfare LECTURE HOURS-15

- a) French Revolution – Causes and Outcome
- b) Rise of Napoleon
- c) Napoleon's Art of Warfare
- d) Battle of Waterloo.

Unit – III: World War – I and World War – II LECTURE HOURS-15

- a) Causes, Strategies and Tactics
- b) Trench Warfare in World War – I and Role of Naval and Air Power in World War – II.
- c) Consequences

Unit – IV: Development of Warfare during Inter War Period LECTURE HOURS-15

- a) Land Warfare
- b) Sea Warfare
- c) Air Warfare

Practical: Preparation of different stages of battle on a sand model or to draw sketches of the same on plain paper – (a) The Battle of Chilianwals; (b) The Battle of Plassey; and (c) Three Battles of Panipath.

(N.B.: Students will be required to maintain records of all works done in connection with Military History.)

REFERENCES:

1. Akhtar Majee – No Farewell to Arms: Strategic Issues in International Relations
2. Capt. K.S. Chatterjee – Handbook of Military Science
3. Fuller, J.F.C. – The Decisive Battle of the Western World
4. Fall Cyril – The First World War
5. John Keegan – A History of Warfare
6. Neilbag, Micheal, S. – Warfare in World History
7. Andre Cariser (ed) – A Directory of Military History
8. Dupey and Dupey – Encyclopaedia of Military History
9. J.F.C. Fuller – Armament and History
10. Hazarilal – SamarikManchitraPathyan

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SEC – 1: CONSTITUTION OF INDIA

Full Marks: 50 (Theory: 40, Internal Assessment: 10), Total Credit - 2

Unit – I: LECTURE HOURS- 07

- a) Nature of Indian Constitution – Federal, Unitary, Essential Characteristics of federal and unitary constitution.
- b) Preamble of the Indian Constitution – Purposes, Objectives, Can preamble be amended?

Unit – II: LECTURE HOURS- 08

- a) Fundamental Rights – Right to equality, Right to life, Right to Freedoms, Right to constitutional remedies
- b) Directive Principles of State Policies
- c) Fundamental Duties

Unit – III: LECTURE HOURS- 08

- a) Parliament – Composition, Qualification of Members, Money Bill and Ordinary Bill
- b) The Union Judiciary – Appointment of Judges, Removal of Judges, Jurisdiction of Supreme Court of India

Unit – IV: LECTURE HOURS-07

- a) Emergency Provisions – National Emergency, State Emergency, Financial Emergency
- b) Amendment of the Constitution – Procedure and Basic Features.

REFERENCES:

- 1. D.D. Basu – Constitutional Law of India
- 2. H. M. Servai– Constitutional Law of India
- 3. V. N. Shukla – Constitutional Law of India
- 4. M. P. Jain – Constitutional Law of India
- 5. J. N. Pandey – Constitutional Law of India

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SEMESTER – IV

**CORE COURSE (CC – 1D): INTRODUCTION TO SMALL ARMS, FIELD
ENGINEERING, FIELD CRAFT AND BATTLE CRAFT**

Full Marks: 75 (Theory: 40, Practical: 20, Internal Assessment: 15), Total Credit – 6 (Theory – 4, Practical – 2)

Unit – 1: LECTURE HOURS- 10

Characteristics and different parts of the following:

- a) .303 Rifle; b) 7.62 mm SLR; c) 7.62 mm LMG; d) INSAS Rifle; e) Pistol and Revolver

Unit – 2: LECTURE HOURS-10

Functions and Mechanisms of –

- a) Tank; b) Submarine; c) Air Craft Carrier; d) Grenade; e) 2 inches Mortar.

Unit – 3: LECTURE HOURS-20

Digging tools, Knots and lashes, Field defences, Obstacles, Mines and mine laying. Barbed wire, Ditch, Waterman ship. Chemical and Biochemical War. Nuclear Weapons – The Atom Bomb, Hydrogen Bomb, Types of direct effects of heat flash on human body. Effects of Radiation on Human Beings.

Unit – 4: LECTURE HOURS-20

- a) Concealment, Camouflage, Judging distance and Indication of Targets
b) Field Signals, Section Formation, Fire Control Orders, Verbal Orders, Section battle drill, Attack, Defence, Sentry, Patrols and Ambush.

Practical: Part – A:

15 Marks

- I. Identification and uses of digging tools, Preparation of Knots and Lashes.
II. Mine Laying and Mine Lifting
III. Judging Distance and Indication of Target
IV. Section Formation

Part – B: Educational tour to a Battalion or Station Head Quarter

5 Marks

(Note Book of Educational Tour must be maintained by every student)

REFERENCES:

1. P. K. Mukherjee – Military Science
2. M. P. Verma – Modern Infantry Weapons
3. Major R. C. Misra – A Hand Book of NCC
4. Cadets' Hand Book by D. G., N.C.C.
5. Capt. K. S. Chatterjee – Handbook of Military Science
6. Pratiraksha Bidya – Priyadarshan Sensharma

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SEC – 2: INDIA AND HER NEIGHBOURING COUNTRIES

Full Marks: 50 (Theory: 40, Internal Assessment: 10). Total Credit - 2

Unit – 1: LECTURE HOURS-07

India and her Neighbouring Countries – Study of Geo-Strategic factors relating to Pakistan, China, Bangladesh, Nepal, Bhutan, Myanmar and Sri-Lanka.

Unit – 2: LECTURE HOURS-08

Emergence of Pakistan as an independent State, Pakistan's Foreign and Defence Policies relating to India

Unit – 3: LECTURE HOURS-08

Emergence of China & Global Power Politics, Political System in China, Ethnic Composition in China.

Unit – 4: LECTURE HOURS-07

Strategic Relations of India with Bangladesh, Nepal, Bhutan, Myanmar and Sri-Lanka with special emphasis to immigration.

REFERENCES:

1. U. S. Bajpai – India and its Neighbours
2. C. P. Bhambri – Foreign Policy of India
3. A. Shah – Indian Defence and Foreign Policy
4. R. J. Jagnar – An Outline of International Politics
5. Cohen, Stephen Philip – The idea of Pakistan
6. Veena, Kukreja – Contemporary Pakistan, Political Processes, Conflicts and Cases
7. Iftikhar H. Malik – Culture and Customs of Pakistan

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SEMESTER – V

DSE – 1A: NATIONAL SECURITY OF INDIA – I

Full Marks: 75 (Theory: 60, Internal Assessment: 15), Total Credit - 6

Unit – I: Introduction LECTURE HOURS- 15

- a) Concepts: Nation; State; Nationalism; Nation State; National Power and National Security.
- b) Definition, Scope and features of National Security; Kinds of National Security.
- c) Fundamental factors, Values, goals and policies that determine National Security.

Unit - II: Geo-Strategic Aspects of Defence and Security of India LECTURE HOURS-15

- a) Factors affecting war and security – Boundary, Size and Shape, Topography, Location, Climate, Population.
- b) Frontiers of India and its Characteristics.
- c) Sea Coasts and Ports of India – Characteristics and Importance.

Unit – III: Threats to National Security LECTURE HOURS-10

- a) Meaning and Definition
- b) Threat Perception
- c) Types of threats and threats to India

Unit – IV: Approaches to National Security LECTURE HOURS-20

- a) Coercive and Non-Coercive approach – Meaning and Scope
- b) Organization and Administration – Ministry of Defence, Defence Forces – Army, Navy and Air Force. Role of Intelligence; National Security System including NSG.
- c) Peace Mechanics – peace making; peace building

REFERENCES:

1. Barry, Buzon., People, State and Fear : The National Security Problems in International Relations.
2. Bajpai, U.S.,(ed) India's Security : The Politico-Strategic Environment.
3. Dixit, J.N., AccrossBorders : Fifty Years of India's Foreign Policy.
4. Satish Kumar, (ed) ., Yearbook on India's Foreign Policy.
5. Jayaramu, P.S., India's National Security and Foreign Policy.
6. Kaul, T.N., India and the New World Order.
7. K.Subramaniam : India's Security Perspectives.
8. P.S.Jayaramu : India's National Security & Foreign Policy.
9. Pratiraksha O Rananitibidya – Major D. K. Basu
10. Samar Bigyan – Dr. Malayendu Maity

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SEC – 3: HUMAN RIGHTS

Full Marks: 50 (Theory: 40, Internal Assessment: 10). Total Credit - 2

Unit – 1: Introduction, Concept and Development of Human Rights LECTURE HOURS-07

Unit – 2: International Human Rights Laws and Treaties LECTURE HOURS-09

- UDHR
- ICCPR
- ICESR

Unit – 3: The Protection of Human Rights Act, 1993 and
The Indian Constitution LECTURE HOURS-05

Unit – 4: Statutory Bodies Protecting Human Rights of the Vulnerable Section
LECTURE HOURS-09

- National Commission for Women
- Minorities' Commission
- National Commission for SC and ST
- National Commission for Backward Classes

REFERENCES:

1. Dr. U. Chandra – Human Rights
2. Paras Diwan and Pceyushi Diwan – Human Rights and the Law
3. S. R. Myneni – Human Rights

GENERIC ELECTIVE

(For the students of any discipline other than Defence Studies as one of the Core Disciplines):

GE – 1 : ARMED FORCES AND SOCIETY

Full Marks: 75 (Theory: 60, Internal Assessment: 15), Total Credit – 6

Unit – 1: Study of Society LECTURE HOURS- 15

- a) Definition, forms and types
- b) Differences between Society, Community, Association and state.
- c) Special Features of military organization.

Unit – 2: Interdependence between Armed Forces and Society LECTURE HOURS-15

- a) Armed Forces and Society – interdependence, Role of Armed Forces in National Integration.
- b) Role of Armed Forces in Disaster Management.

Unit – 3: Motivation and Leaderships LECTURE HOURS-15

- a) Meanings and Definitions
- b) Types and levels

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c) Theories of leadership

Unit – 4: Civil – Military Relations

LECTURE HOURS-15

- a) Relations in political set-up
- b) Military influence on national policy
- c) Armed forces aid to civil power.

REFERENCES:

1. Goode, W.J. - Principles of Sociology.
2. Koithara, Verghese. - Society, State & Security : Indian Experience.
3. Johnson, John. - The Role of Military in Underdeveloped Countries.
4. Morris Janowitz - Sociology and Military Establishment.
5. Jewaki, Androze S. - Military Organisation and Society.
6. C. Northcote Parkinson and M. K. Rustogi – Understanding Management

SEMESTER – VI

DSE – 1B: NATIONAL SECURITY OF INDIA – II

Full Marks: 75 (Theory: 40, Practical: 20, Internal Assessment: 15), Total Credit – 6 (Theory – 4, Practical – 2)

Unit – 1 : Strategic Environment of India:

LECTURE HOURS- 15

- a) Feature of strategic environment – its scope in policy making.
- b) India's Strategic environment – Immediate Neighbours, Adjacent Regions, Indian Ocean and Global structure.
- c) India's Military preparedness – Defence Budget.

Unit – 2 : Foreign Policy and Defence Policy of India

LECTURE HOURS-15

- a) Definition, Meaning, Scope of Foreign Policy and Defence policy.
- b) Determinants of Foreign policy and Defence Policy; Framing of Foreign Policy and Defence Policy of India.
- c) Instruments of Foreign Policy and Defence Policy – Diplomacy and Defence; Track II Diplomacy.

Unit – 3 : Introduction to Military Technology in India

LECTURE HOURS-15

- a) Military Technology and its relevance to National Security.
- b) Application of Technologies – Armament and Weapon Systems; Missile Technology; Communications and Radar Technology; Satellite and Space Technology.
- c) Application of Technologies to Logistics – Transport, Supplies, Inventory, Medical, Repair, Clothing and Equipment.

Unit – 4 : Arms Control and Disarmament

LECTURE HOURS-15

- a) Concepts, Definitions and Objectives of Arms Control and Disarmaments.
- b) Military Pacts or Treaties – NATO, Warsaw Pact, Taskhand, Panchasheel. Non-alignment Movement on Peace and Security.
- c) India's Nuclear Policy and Potential.

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Practical: Diagram Characteristics and Mechanism of –

- I. Patton Tank, Vijayanta Tank.
- II. Submarine, Battle Ship.
- III. Fighter, Missile.

REFERENCES:

1. Gautam Sen – Indian Security Considerations
2. C. P. Bhambri – Foreign Policy of India
3. A. Shah – Indian Defence and Foreign Policy
4. KouserJ.Azam : India's Defence Policy for the 1990's.
5. AVM Samir Sen – Military Technologies and Defence Industries
6. K. Subramaniam – India's Security Perspectives
7. Annual Reports of the Ministry of Defence, Government of India.

SEC – 4 : TERRORISM AND CONFLICTING IDEOLOGY

Full Marks: 50 (Theory: 40, Internal Assessment: 10), Total Credit - 2

Unit – 1: Introduction LECTURE HOURS-06

- a) Definition and Meaning of Terrorism.
- b) History of Terrorism
- c) Role of ideology in Terrorists' target selection

Unit – 2: Terrorism and Ideology in Perspective LECTURE HOURS-08

- a) Causes of Terrorism; Aims of Terrorists
- b) Types of Terrorists Act, Levels of Terrorism
- c) Role of Ideology and relationship between religion and terrorism

Unit – 3: Terrorism and India LECTURE HOURS-08

- a) Kashmir – Cross Border Terrorism – Lashkar-e-Toiba; Talibans
- b) Extremism in North-East india
- c) Naxalites in India
- d) Parliament and Mumbai Taj Hotel attack

Unit – 4: Terrorism in International Relations LECTURE HOURS-08

- a) The impact of technology in changing types of terrorism
- b) Implications of 9/11 attack for future of terrorism
- c) Terrorism – Responses of Major Powers, UNO and Other International Organizations

REFERENCES:

1. Gerard Chaliand and Arnaud Blin -The History of Terrorism
2. Victoria Schofield – Kashmir in Conflict
3. Mary Buckley and Rickfawn – Global Responses to Terrorism
4. Sean K. Anderson and Stephen Sloan – Historical Dictionary of Terrorism
5. Virender Grover (ed) – Encyclopaedia of International Terrorism: Terrorism in World Countries.

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6. Yonah Alexander, David Carton and Paul Wilkinson – Terrorism: Theory and Practice
7. B.P. Singh, Sehgal – Global Terrorism: Socio-Political and Legal Dimensions

GENERIC ELECTIVE

(For the students of any discipline other than Defence Studies as one of the Core Disciplines):

GE – 2 : DEFENCE MECHANISM OF INDIA

Full Marks: 75 (Theory: 60, Internal Assessment: 15), Total Credit - 6

Unit – 1: Indian Armed Forces – History and Organizations LECTURE HOURS-15

- a) History – Pre and Post Independence – Army, Navy, Air Force. Organizations of Armed Forces – Chief of Staff Committee, Head Quarters and Commands.
- b) Powers of the President in relation to the Armed Forces; Parliament and Armed Forces.
- c) Ministry of Defence and Defence Committee; National Security Council.

Unit – 2: Second Line of Defence LECTURE HOURS- 10

- a) Para Military Forces – BSF, CRPF, CISF, Assam Rifles, Coast Guard.
- b) National Cadet Corps – History, Objectives and Organizations.

Unit – 3: Intelligence Agencies LECTURE HOURS-12

Intelligence Agencies – Research and Analysis Wing (RAW), Intelligence Bureau, Defence Intelligence Agency, Directorate of Air Intelligence, Directorate of Navy Intelligence,

Unit – 4: Recruitment Systems of Defence Force LECTURE HOURS-13

Rank Structure of the Three Services, Procedure of Recruitment, Selection and Training, Benefits of Service - in all the three services at different levels. Training Institutions.

REFERENCES:

1. A. L. Venkateswaran – Defence Organization of India
2. Nagender Singh – Defence Mechanisms of Modern state
3. R. Singh – Aspects of Indian Defence
4. J. A. Khan – Choice of Military Career
5. M. P. Sharma – SSB Interviews
6. H. B. Mishra – Defence Management in India

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