

NATIONAL CADET CORPS (N.C.C) – (CODE: 076)

Class X (2024-25) Max. Marks - 70

Common Subject

<p>Unit-1 : The NCC Aim: To acquaint cadets with the aims and objectives of NCC Scope: Introduction, aims, organization and general information about NCC</p> <ul style="list-style-type: none">• Aims and Objectives of NCC• Organization and Training and NCC Song• Incentives of Joining NCC
<p>Unit-2 : National Integration and Awareness Aim: To inculcate sense of patriotism, secular values and motivate cadets to contribute towards nation building through national unity and social cohesion Scope: The concepts of National Interests, Objectives and integration, Unity in diversity and cultural heritage of India</p> <ul style="list-style-type: none">• Freedom Struggle and Nationalist Movement in India• Unity in Diversity• Famous Leaders of India• Contribution of Youth to Nation Building
<p>Unit-3 : Civil Affairs Aim: To train Cadets to assist Civil administration in performance of selective duties during disasters Scope: Basic information about civil defense organization and its duties, maintenance of essential services and providing assistance to civil administration in various types of emergencies during national disasters</p> <ul style="list-style-type: none">• Civil Defense Organization and its duties/NDMA• Role of NCC during Natural Hazards/Calamities• Fire Service and Fire Fighting
<p>Unit-4 : Drill Aim: To inculcate a sense of discipline, improve bearing, smartness, and turnout and to develop the quality of immediate and implicit obedience to orders Scope: All important basic aspects of drill including ceremonial drill, drill with arms and words of command Drill without Arms</p> <ul style="list-style-type: none">• General and Words of Command• Attention, Stand at Ease and Stand Easy, turning and inclining at the halt• Saluting at the halt• Getting on parade, dismissing and falling out• Turning on the march and wheeling• Individual word of command
<p>Unit-5 : Weapon Training Aim: To give elementary knowledge about rifles Scope: Basic knowledge about rifle and firing</p> <ul style="list-style-type: none">• Characteristics of a rifle/rifle ammunition and its fire power• The lying position and Holding• Aiming, range and figure target• Trigger control and firing a shot• Range precautions and safety precautions• Short range firing
<p>Unit-6 : Adventure Training Aim: To inculcate a sense of adventure and develop confidence, courage and determination Scope: To expose cadets to various adventure activities</p> <ul style="list-style-type: none">• Trekking including selection of route and administrative planning

- Rock Climbing

Unit-7 : Personality Development and Leadership

Aim: To develop an all-round dynamic personality with adequate leadership traits to deal/ contribute effectively in all walks of life

Scope: Basic subjects of leadership with emphasis on self-awareness, life/soft skills, time management and character building

- Introduction to Personality development
- Factors influencing/ shaping personality: Physical, Social, Psychological and Philosophical
- Critical and creative thinking
- Communication skills: group discussions/ lectures
- Effects of leadership with historical examples
- Problem solving skills
- Interview Skills
- Importance of group and team work
- Effective use of time
- Coping with stress/ emotions

Unit-8 : Social Awareness Community Development

Aim: To teach cadets the values and skills involved in providing voluntary Social Service

Scope: Understanding of social service and its needs, knowledge about the weaker sections of our society and their requirements, about NGOs and contribution of youth towards social welfare

- Literacy enhancement and poverty alleviation
- Contribution of youth towards social welfare
- Civic responsibilities
- Drug abuse and trafficking
- Causes and prevention of HIV/AIDS, Role of Youth
- Corruption
- Social evils viz. dowry/ female foeticide/ child abuse and trafficking etc.
- Traffic control organization and anti-drunken driving
- Provisions of child Act

Unit-9: Health and Hygiene

Aim: To instill respect and responsibility towards personal health and hygiene

Scope: Basic information of the human body, maintenance of health and hygiene, sanitation, disease and an elementary knowledge of First Aid and Nursing

- Structure and functioning of the human body
- Infectious and contagious diseases and its prevention
- Basics of first aid in common medical emergencies
- Wounds and fractures
- Introduction to yoga and exercise

Unit-10 : Environment Awareness and Conservation

Aim: To sensitize the cadets on natural resource conservation and protection of environment

Scope: Basic understanding of environment in general and waste management in particular, energy conservation, pollution control and wildlife conservation in particular

- Natural resources – conservation and management
- Water conservation and rain water harvesting
- Waste management
- Pollution control water, air, noise, soil

Specialized Subject (Army)

Unit-1: Armed Forces

Aim: To acquaint cadets with the Armed Forces

Scope: Introductory and general information about the Armed Forces

- Basic organization of Armed Forces
- Organization of the Army
- Badges and Ranks
- Honors and Awards
- Modes of entry into Army

Unit-2: Military History

Aim: To provide knowledge of renowned Military Generals, PVCs and Indo-Pak Wars
Scope: Introduction to biographies, famous Indian battles and gallantry awards

- Indian Army War Heroes
- Study of battles of Indo-Pak war 1965, 1971 and Kargil

Unit-3: Map Reading

Aim: To teach cadets elementary map reading

Scope: Basic understanding of mapsheets and map reading instruments and development of capability to use them to carry out simple Map Reading

- Introduction to types of Maps and conventional signs.
- Topographical forms and technical terms
- Cardinal points and Types of North
- Types of bearings and use of service protractor

Unit-4 : Field Craft and Battle Craft

Aim: To teach cadets elementary field craft and battle craft

Scope: Basic field craft and battle craft

- Introduction
- Judging distance
- Description of ground
- Observation, camouflage and concealment
- Field signals
- Use of ground and movement
- Selection of formations (Section formation)

Unit-5: Communication

Aim: To introduce cadets to the latest trends in the field of communications

Scope: Types of communications and future trends

- Means of communication

Specialized Subject (Navy)

Unit-1: Naval Orientation

Aim: To impart training on Naval Organization.

Scope: History of Indian Naval Organizations, Rank structure, Indo-Pak War- 1971 etc.

- Rank Structure and Badges - PBOR to MCPO and Equivalent
- Rank Structure and Badges - Officers and equivalent
- Mode of entry into IN

Unit-2: Naval Communication

Aim: To impart basic knowledge of Naval Communication.

Scope: Introduction to visual communication.

<ul style="list-style-type: none"> • Semaphore, use of semaphore, introduction of various letter position, Reading of semaphore message, • Transmission of semaphore message
<p>Unit-3:Seamanship Aim: To impartbasicknowledge about Seamanship. Scope: Introduction torigging, anchor work,parts of boats and accessories etc.</p> <ul style="list-style-type: none"> • Rigging • Fundamentals of Steering- Steering orders, reports and alteration of course • Parts of a Sail- types of sails • Parts of Whaler and Oar- Pulling orders • Parts of a Cadet Class Dingy- sailing terms
<p>Unit-4: Navigation Aim: To impart basic knowledge to Naval Communication. Scope: Introduction to visual communication</p> <ul style="list-style-type: none"> • Uses of Maps and Charts and its purpose • Instruments required for chart work • Markings on Chart, Light houses, buoys
<p>Unit-5: Ship and Boat Modelling Aim: To impart basic knowledge about Ship Modelling to cadets Scope: Basic knowledge about reading of Diagrams and construction of Ship Models</p> <ul style="list-style-type: none"> • Practical Training on Static Models • Preparation of hull construction • Preparation of super structure

Specialized Subject (Air Force)

<p>Unit-1 :Air Campaigns Aim: To introduce Air Campaigns of Air Force</p> <ul style="list-style-type: none"> • Indo-Pak War-1971 • Operation Safe Sagar
<p>Unit-2:Aircraft Recognition Aim: To introduce various aircrafts of the Air Force Scope: Types, roles, variants of aircraft of the IAF</p> <ul style="list-style-type: none"> • Fighters • Transport • Helicopters
<p>Unit-3: Aero-modeling Aim: To provide knowledge about Aero Modelling Scope: History of aero modelling, materials used in different types of models</p> <ul style="list-style-type: none"> • Materials used in Aero-modelling • Types of Aero-models • Flying/ Building of Aero-models
<p>Unit-4:Atmosphere Aim: To give basic knowledge of Atmosphere Scope: Use of basic knowledge of Atmosphere</p> <ul style="list-style-type: none"> • Atmosphere
<p>Unit-5:Maps Aim: To give basic knowledge of Air Navigation Scope: Use of Maps and fundamentals of Map Reading from the air</p> <ul style="list-style-type: none"> • Maps