

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

Class IX (2023-24) Max. Marks - 70

Common Subjects

Unit-1 : The NCC

Aim: To acquaint cadets with the aims and objectives of NCC

Scope: Introduction, aims, organization and general information about NCC

- Aims and Objectives of NCC
- Organization and Training and NCC Song
- Incentives of Joining NCC

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

- Religions, Culture, Traditions and Customs of India
- National Integration: Importance and Necessity
- Problems/ Challenges of National Integration
- Images/ Slogans for National Integration

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

- Types of Emergencies/ Natural Hazards
- Role of NCC during Natural Hazards/ Calamities
- Fire Service and Fire Fighting

Unit-4 : Drill

Aim: To inculcate a sense of discipline, improve bearing, smartness, ant 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

- 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
- Saluting on the March Individual word of command

Unit-5 : Weapon Training

Aim: To give elementary knowledge about rifles

Scope: Basic knowledge about rifle and firing

- Characteristics of a rifle/rifle ammunition and its fire power
- Stripping, assembling, care and cleaning and sight setting
- Loading, cocking and unloading
- The lying position and Holding
- Aiming, range and figure target
- Range precautions and safety precautions

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

- Trekking including selection of route and administrative planning
- Cycle expedition including selection of route and administrative planning

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
- Self-Awareness-know yourself
- Self-confidence, courage & self-conviction
- Problem solving skills
- Importance of group and team work
- Effective use of time
- Coping with stress/emotions
- Sociability: Social Skills
- Characteristics of healthy personalities –ethics/values

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

- Basics of Social Service, and its needs
- Contribution of youth towards social welfare
- Civic responsibilities
- Drug abuse and trafficking
- Causes and prevention of HIV/AIDS, Role of Youth
- Corruption
- 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

- Hygiene and sanitation (Personal and Food Hygiene)
- Physical and mental health
- Infectious and contagious diseases and its prevention
- Basics of first aid in common medical emergencies
- Wounds and fractures
- Introduction to yoga and exercise

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

- Biographies of renowned generals (Carriappa/Manekshaw)
- Study of battles of Indo-Pakwar 1965, 1971 and Kargil
- War movies

Unit-3: Map Reading

Aim: To teach cadets elementary map reading

Scope: Basic understanding of maps, sheets 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.
- Scales and grid system
- Topographical forms and technical terms

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
- 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

- Importance of communication
- 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.

- History of the Indian Navy (Gallantry Award Winners)
- Organization of IN- NHQ, Commands and Ships
- Organization on Board a Ship
- Survival and Rescue-Life Safety Items onboard Ship, Life Raft
- Life Boats and Distress Signals

Unit-2: Naval Communication

Aim: To impart basic knowledge of Naval Communication.

Scope: Introduction to visual communication.

- Introduction to Naval Communication
- Phonetic Alphabet - Introduction and use

Unit-3: Seamanship

Aim: To impart basic knowledge about Seamanship.

Scope: Introduction to rigging, anchor work, parts of boats and accessories etc.

- Rigging
- Bends and Hitches: Reef Knot, Half Hitch, Clove Hitch,
- Rolling Hitch, Timber Hitch, Bowline, Round Turn and
- Two Half Hitches and Bow Line on the Bight and its basic element

Unit-4: Ship and Boat Modeling

Aim: To provide knowledge about Ship Modeling

Scope: Materials used in different types of models

- Principles of Ship Modeling
- Reading of a Ship Drawing of a Model
- Views in blueprint
- Measurement of superstructure and hull

Specialized Subject (Air Force)

Unit-1: General Service Knowledge

Aim: To impart basic knowledge of IAF Scope: History and Organization of IAF

- Development of Aviation
- History of IAF

Unit-2: Air Campaigns

Aim: To impart basic knowledge of Air Campaigns

Scope: History and Motivation.

- Indo-PakWar-1971
- Operation Safe Sagar

Unit-3: Aero-modeling

Aim: To provide knowledge about Aero Modelling

Scope: History of aero modelling, materials used in different types of models

- History of Aero-modelling

Unit-4: Principles of Flight

Aim: To introduce principles of flight

Scope: To impart knowledge about basic principles on which aviation is based

- Introduction
- Glossary of Terms

Unit-5: Parts of Aircraft

Aim: To provide knowledge of Aircraft Parts

Scope: Knowledge about the parts of aircraft to be flown

- Parts of Aircraft

Unit-6: Aircraft Particulars

Aim: To provide knowledge of Aircraft Instruments

Scope: Knowledge about the aircraft to be flown including checks and procedures

- Aircraft Particular Type, Specific

Unit-7: Airfield Layout

Aim: To provide knowledge of Airfields

Scope: Knowledge about the airfields to be flown including checks and procedures Airfield Layout

Unit-8: RT Procedure

Aim: To provide knowledge of wireless communication.

Scope: Knowledge about the communication is required for flying aircraft

- RT Procedure

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

Class X (2023-24) 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, ant 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 maps, sheets 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.

- Semaphore, use of semaphore, introduction of various letter position, Reading of semaphore message,
- Transmission of semaphore message

Unit-3: Seamanship

Aim: To impart basic knowledge about Seamanship.

Scope: Introduction to rigging, anchor work, parts of boats and accessories etc.

- 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

Unit-4: Navigation

Aim: To impart basic knowledge to Naval Communication. Scope: Introduction to visual communication

- Uses of Maps and Charts and its purpose
- Instruments required for chart work
- Markings on Chart, Light houses, buoys

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

- Practical Training on Static Models
- Preparation of hull construction
- Preparation of super structure

Specialized Subject (Air Force)

Unit-1 :Air Campaigns

Aim: To introduce Air Campaigns of Air Force

- Indo-Pak War-1971
- Operation Safe Sagar

Unit-2: Aircraft Recognition

Aim: To introduce various aircrafts of the Air Force

Scope: Types, roles, variants of aircraft of the IAF

- Fighters
- Transport
- Helicopters

Unit-3: Aero-modelling

Aim: To provide knowledge about Aero Modelling

Scope: History of aero modelling, materials used in different types of models

- Materials used in Aero-modelling
- Types of Aero-models
- Flying/ Building of Aero-models

Unit-4: Atmosphere

Aim: To give basic knowledge of Atmosphere

Scope: Use of basic knowledge of Atmosphere

- Atmosphere

Unit-5: Maps

Aim: To give basic knowledge of Air Navigation

Scope: Use of Maps and fundamentals of Map Reading from the air

- Maps