

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

## **Class X (2022-23) Max. Marks - 70**

### **Common Subject**

#### **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

- Freedom Struggle and Nationalist Movement in India
- Unity in Diversity
- Famous Leaders of India
- Contribution of Youth to Nation Building

#### **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

- Civil Defense Organization and its duties/ NDMA
- 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
- Turning on the march and wheeling
- 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
- The lying position and Holding
- Aiming, range and figure target
- Trigger control and firing a shot
- Range precautions and safety precautions
- Short range firing

#### **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

- 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.

<ul style="list-style-type: none"> <li>Semaphore, use of semaphore, introduction of various letter position, Reading of semaphore message,</li> <li>Transmission of semaphore message</li> </ul>
<b>Unit-3:Seamanship</b> Aim: To impartbasicknowledge about Seamanship. Scope: Introduction torigging, anchor work,partsof boatsand accessoriesetc. <ul style="list-style-type: none"> <li>Rigging</li> <li>Fundamentalsof Steering- Steering orders, reportsand alterationofcourse</li> <li>PartsofaSail- typesofsails</li> <li>Partsof Whaler and Oar- Pullingorders</li> <li>PartsofaCadetClass Dingy- sailingterms</li> </ul>
<b>Unit-4: Navigation</b> Aim: To impart basic knowledge to Naval Communication. Scope: Introduction to visual communication <ul style="list-style-type: none"> <li>Uses of Maps and Charts and its purpose</li> <li>Instruments required for chart work</li> <li>Markings on Chart, Light houses, buoys</li> </ul>
<b>Unit-5: Ship and Boat Modelling</b> Aim: To impart basic knowledge about Ship Modelling to cadets Scope: Basic knowledge about reading of Diagrams and constriction of Ship Models <ul style="list-style-type: none"> <li>Practical Training on Static Models</li> <li>Preparation of hull construction</li> <li>Preparation of super structure</li> </ul>

## **Specialized Subject (Air Force)**

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