

**NATIONAL CADET CORPS (N.C.C) –CLASS X – (CODE: 076)**  
**2021-2022**

Session 2021-22 exam will be held in 2 phases.

First Term Exam in November-December- **Multiple Choice Questions type**

Second Term exam in March-April 2022- **subjective type**

**1st Term (MCQ)**  
**Common Subject**

<b>UNIT WITH TOPICS</b>	<b>MARKS</b>
<b>Unit-1 : The NCC</b> Aim: To acquaint cadets with the aims and objectives of NCC Scope: Introduction, aims, organization and general information about NCC <ul style="list-style-type: none"> <li>• Aims and Objectives of NCC</li> <li>• Organization and Training and NCC Song</li> <li>• Incentives of Joining NCC</li> </ul>	<b>04</b>
<b>Unit-4: Drill</b> Aim: To inculcate a sense of discipline, improve bearing, smartness, and turnout and to develop the quality of immediate and implicit obedience of orders Scope: All important basic aspects of drill including ceremonial drill, drill with arms and words of command <ul style="list-style-type: none"> <li>• Drill with Arms</li> <li>• Getting on parade with rifle and dressing at the order</li> <li>• Dismissing and falling out</li> <li>• Gun salute, Salami Shastra</li> <li>• Squad drill</li> <li>• Short/long trail from the order and vice-versa</li> <li>• Examine arms Ceremonial Drill</li> <li>• Guard Mounting</li> </ul>	<b>07</b>
<b>Unit-5: Weapon Training</b> Aim: To give elementary knowledge about rifles Scope: Basic knowledge about rifle and firing <ul style="list-style-type: none"> <li>• The lying position, holding and aiming</li> <li>• Trigger operation and firing a shot</li> <li>• Range precautions and safety precautions</li> <li>• Theory of group and snap shooting</li> </ul>	<b>05</b>
<b>Unit-9: Health and Hygiene</b> Aim: To instill respect and responsibility towards personal health and hygiene Scope: Basic information about maintenance of health and hygiene, sanitation, disease and an elementary knowledge of First Aid and Nursing <ul style="list-style-type: none"> <li>• Hygiene and sanitation (Personal and Food Hygiene)</li> <li>• Basics of first aid in common medical emergencies</li> <li>• Wounds and fractures</li> </ul>	<b>06</b>
<b>Unit -10: Environment Awareness and Conservation</b> 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 <ul style="list-style-type: none"> <li>• Natural resources – conservation and management</li> <li>• Water conservation and rain water harvesting</li> <li>• Waste management</li> <li>• Pollution control water, air, noise, soil</li> </ul>	03
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### Specialized Subject (Army)

<b>Unit-1: Armed Forces</b> Aim: To acquaint cadets with the Armed Forces Scope: Introductory and general information about the Armed Forces <ul style="list-style-type: none"> <li>• Basic organization of Armed Forces</li> <li>• Organization of the Army</li> <li>• Badges and Ranks</li> <li>• Honors and Awards</li> <li>• Modes of entry into Army</li> </ul>	02
<b>Unit-3: Map Reading</b> Aim: To teach cadets elementary map reading Scope: Basic understanding of map sheets and map reading instruments and development of capability to use them to carry out simple Map Reading <ul style="list-style-type: none"> <li>• Introduction to types of Maps and conventional signs.</li> <li>• Topographical forms and technical terms</li> <li>• Cardinal points and Types of North</li> <li>• Types of bearings and use of service protractor</li> </ul>	06
<b>Unit-5: Communication</b> Aim: To introduce cadets to the latest trends in the field of communications Scope: Types of communications and future trends <ul style="list-style-type: none"> <li>• Means of communication</li> </ul>	02

### Specialized Subject (Navy)

<b>Unit-1: Naval Orientation</b> Aim: To impart training on Naval Organization. Scope: History of Indian Naval Organizations, Rank structure, Indo-Pak War-1971 etc. <ul style="list-style-type: none"> <li>• Rank Structure and Badges- PBOR to MCPO and Equivalent</li> <li>• Rank Structure and Badges- Officers and equivalent</li> <li>• Mode of entry into IN</li> </ul>	03
<b>Unit-2: Naval Communication</b> 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>	03
<b>Unit-5: Ship and Boat Modeling</b> Aim: To impart basic knowledge about Ship Modeling to cadets Scope: Basic knowledge about reading of Diagrams and construction 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>	04

### Specialized Subject (Air force)

<b>Unit-1 :Air Campaigns</b> <ul style="list-style-type: none"> <li>• Aim: To introduce Air Campaigns of Air Force</li> <li>• Indo-PakWar-1971</li> <li>• Operation Safe Sagar</li> </ul>	03
<b>Unit-2:Aircraft Recognition</b> Aim: To introduce 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>	04
<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>	03

<h3>Practical</h3>	
<b>1st Term (School level) No External examiner</b> <ul style="list-style-type: none"> <li>• <b>Assignment/Project- 07 Marks</b>  <b>Distribution of Marks</b> <ol style="list-style-type: none"> <li>i) Introduction-01 Mark</li> <li>ii) training Aid- 01 marks</li> <li>iii) Aim- 01 Mark</li> <li>iv) Explanation-03 Marks</li> <li>v) Precautions -01 Marks</li> </ol>           *Suggested Topics for Assignments/ Projects           <ol style="list-style-type: none"> <li>1.Organisation and Training of NCC</li> <li>2.Incentives in NCC</li> <li>3. Firing a shot</li> <li>4. Group shooting precautions and procedure</li> <li>5. Drill</li> <li>6. Guard Mounting</li> <li>7. Personal Hygiene</li> <li>8. Basics of First Aid</li> <li>9. Environment</li> <li>10. Pollution</li> </ol> </li> <li>• <b>Drill Demonstration -05 Marks</b>            *Drill           <ol style="list-style-type: none"> <li>1.Savdhan, Vishram, Dahine mud, Baen Mud, Peechhe Mud , Khade-Khade saluting, Turnout, Tez Chal , Dheere Chal</li> </ol> </li> <li>• <b>Viva –Voce-03 Marks( Based on Assignment/Project/Drill Demonstration</b>            Note: Assignments /Projects should not be repeated in other Term. They should be from the syllabus allotted in the term.         </li> </ul>	15

## 2<sup>nd</sup> Term

### Common Subject

<b>Unit-2 : National Integration and Awareness</b> <b>Aim:</b> To inculcate sense of patriotism, secular values and motivate cadets to contribute towards nation building through national unity and social cohesion <b>Scope:</b> The concepts of National Interests, Objectives and integration, Unity in diversity and cultural heritage of India <ul style="list-style-type: none"> <li>• Freedom Struggle and Nationalist Movement in India</li> <li>• Unity in Diversity</li> <li>• Famous Leaders of India</li> <li>• Contribution of Youth to Nation Building</li> </ul>	03
<b>Unit-3 : Civil Affairs</b> <b>Aim:</b> To train Cadets to assist Civil administration in performance of selective duties during disasters <b>Scope:</b> 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 <ul style="list-style-type: none"> <li>• Civil Defense Organization and its duties/ NDMA</li> <li>• Role of NCC during Natural Hazards/ Calamities</li> <li>• Fire Service and Fire Fighting</li> </ul>	06
<b>Unit-6 : Adventure Training</b> <b>Aim:</b> To inculcate a sense of adventure and develop confidence, courage and determination <b>Scope:</b> To expose cadets to various adventure activities <ul style="list-style-type: none"> <li>• Trekking including selection of route and administrative planning</li> <li>• Rock Climbing</li> </ul>	04
<b>Unit-7 : Personality Development and Leadership</b> <b>Aim:</b> To develop an all-round dynamic personality with adequate leadership traits to deal/ contribute effectively in all walks of life <ul style="list-style-type: none"> <li>• Scope: Basic subjects of leadership with emphasis on self-awareness, life/soft skills, time management and character building</li> <li>• Introduction to Personality development</li> <li>• Factors influencing/ shaping personality: Physical, Social, Psychological and Philosophical</li> <li>• Critical and creative thinking</li> <li>• Communication skills: group discussions/ lectures</li> <li>• Effects of leadership with historical examples</li> <li>• Problem solving skills</li> <li>• Interview Skills</li> <li>• Importance of group and team work</li> <li>• Effective use of time</li> <li>• Coping with stress/ emotions</li> </ul>	08
<b>Unit-8 : Social Awareness Community Development</b> <b>Aim:</b> To teach cadets the values and skills involved in providing voluntary Social Service <b>Scope:</b> 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 <ul style="list-style-type: none"> <li>• Literacy enhancement and poverty alleviation</li> <li>• Contribution of youth towards social welfare</li> </ul>	

<ul style="list-style-type: none"> <li>• Civic responsibilities</li> <li>• Drug abuse and trafficking</li> <li>• Causes and prevention of HIV/AIDS, Role of Youth</li> <li>• Corruption</li> <li>• Social evils viz. dowry/ female foeticide/ child abuse and trafficking etc.</li> <li>• Traffic control organization and anti-drunken driving</li> <li>• Provisions of child Act</li> </ul>	04
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### Specialized Subject (Army)

<b>Unit-3:Map Reading</b> 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 <ul style="list-style-type: none"> <li>• Introduction to types of Maps and conventional signs.</li> <li>• Topographical forms and technical terms</li> <li>• Cardinal points and Types of North</li> <li>• Types of bearings and use of service protractor</li> </ul>	04
<b>Unit-4 : Field Craft and Battle Craft</b> Aim: To teach cadets elementary field craft and battle craft Scope: Basic field craft and battle craft <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Judging distance</li> <li>• Description of ground</li> <li>• Observation ,camouflage and concealment</li> <li>• Field signals</li> <li>• Use of ground and movement</li> <li>• Selection of formations (Section formation)</li> </ul>	06

### Specialized Subject (Navy)

<b>Unit-3:Seamanship</b> Aim: To impart basic knowledge about Seamanship. Scope: Introduction to rigging, anchor work, parts of boats and accessories etc. <ul style="list-style-type: none"> <li>• Rigging</li> <li>• Fundamentals of Steering- Steering orders, reports and alteration of course</li> <li>• Parts of a Sail- types of sails</li> <li>• Parts of Whaler and Oar- Pulling orders</li> <li>• Parts of a Cadet Class Dingy- sailing terms</li> </ul>	06
<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>	04

### Specialized Subject (Air Force)

<b>Unit-3: Aero-modeling</b> Aim: To provide knowledge about Aero Modeling Scope: History of aero modeling, materials used in different types of models <ul style="list-style-type: none"> <li>• Materials used in Aero-modeling</li> <li>• Types of Aero-models</li> <li>• Flying/ Building of Aero-models</li> </ul>	06
<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>	04

<b>Practical</b> <b>2nd Term (External Examiner will be deputed by CBSE)</b> <ul style="list-style-type: none"> <li>• <b>Assignment/Project- 07 Marks</b>  <b>Distribution of Marks</b> <ol style="list-style-type: none"> <li>i) Introduction-01 Mark</li> <li>ii) training Aid- 01 marks</li> <li>iii) Aim- 01 Mark</li> <li>iv) Explanation-03 Marks</li> <li>v) Precautions -01 Marks</li> </ol> *Suggested Topics for Assignments/ Projects <ol style="list-style-type: none"> <li>1.Nationalist Movement</li> <li>2.Contribution of Youth in Nation Building</li> <li>3. Civil Defence Organization</li> <li>4. Fire Service And Fire Fighting</li> <li>5. Role of NCC during Natural calamities</li> <li>6. Time Management</li> <li>7. Personality</li> <li>8. Communication skills</li> <li>9. Drug Abuse and Trafficking</li> <li>10. Adventure Training</li> </ol> </li> <li>• <b>Drill Demonstration -05 Marks</b>  *Drill <ul style="list-style-type: none"> <li>#.Khuli Line Chal, Nikat Line Chal, Dahine Salute, Baen salute, Dheere Chal, Squad Drill , Turn About, Turnout</li> </ul> </li> <li>• <b>Viva –Voce-03 Marks( Based on Assignment/Project/Drill Demonstration</b></li> <li>• Note: Assignments /Projects should not be repeated in other Term. They should be from the syllabus allotted in the term.</li> </ul>	
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