# FACULTY OF ARTS & SOCIAL SCIENCES

## SYLLABUS FOR THE

# SUBJECT: NCC

for the award of the Degree in

# BACHELOR OF ARTS/ BACHELOR OF SCIENCE

(Offered under 3-year UG Degree Programme)

(Credit Based Grading System) under NEP 2020

Batch: 2024-27



# **GURU NANAK DEV UNIVERSITY AMRITSAR**

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## **SCHEME**

## **NCC**

# **OPTION-I: NCC (ARMY CADETS)**

Sr. No.	SEMESTER	Course Code	Course Title	L	T	P	Total Credits	Marks
1.	I		NCC (ARMY CADETS) (THEORY)	2	0	0	2	50
2.	I		NCC (ARMY CADETS) (PRACTICAL)	0	0	2	2	50
3.	II		NCC (ARMY CADETS) (THEORY)	2	0	0	2	50
4.	II		NCC (ARMY CADETS) (PRACTICAL)	0	0	2	2	50
5.	III		NCC (ARMY CADETS) (THEORY)	2	0	0	2	50
6.	III		NCC (ARMY CADETS) (PRACTICAL)	0	0	2	2	50
7.	IV		NCC (ARMY CADETS) (THEORY)	2	0	0	2	50
8.	IV		NCC (ARMY CADETS) (PRACTICAL)	0	0	2	2	50
9.	V		NCC (ARMY CADETS) (THEORY)	2	0	0	2	50
10	V		NCC (ARMY CADETS) (PRACTICAL)	0	0	2	2	50
11.	VI		NCC (ARMY CADETS) (THEORY)	2	0	0	2	50
12.	VI		NCC (ARMY CADETS) (PRACTICAL)	0	0	2	2	50

# **OPTION-II: NCC (NAVAL CADETS)**

Sr. No.	SEMESTER	Course Code	Course Title	L	T	P	Total Credits	Marks
1.	I		NCC (NAVAL CADETS) (THEORY)	2	0	0	2	50
2.	I		NCC (NAVAL CADETS) (PRACTICAL)	0	0	2	2	50
3.	II		NCC (NAVAL CADETS) (THEORY)	2	0	0	2	50
4.	II		NCC (NAVAL CADETS) (PRACTICAL)	0	0	2	2	50
5.	III		NCC (NAVAL CADETS) (THEORY)	2	0	0	2	50
6.	III		NCC (NAVAL CADETS) (PRACTICAL)	0	0	2	2	50

7.	IV	NCC (NAVAL CADETS) (THEORY)	2	0	0	2	50
8.	IV	NCC (NAVAL CADETS) (PRACTICAL)	0	0	2	2	50
9.	V	NCC (NAVAL CADETS) (THEORY)	2	0	0	2	50
10	V	NCC (NAVAL CADETS) (PRACTICAL)	0	0	2	2	50
11.	VI	NCC (NAVAL CADETS) (THEORY)	2	0	0	2	50
12.	VI	NCC (NAVAL CADETS) (PRACTICAL)	0	0	2	2	50

# **OPTION-III: NCC (AIR FORCE CADETS)**

Sr. No.	SEMESTER	Course Code	Course Title	L	T	P	Total Credits	Marks
1.	I		NCC (AIR FORCE CADETS) (THEORY)	2	0	0	2	50
2.	I		NCC (AIR FORCE CADETS) (PRACTICAL)	0	0	2	2	50
3.	II		NCC (AIR FORCE CADETS) (THEORY)	2	0	0	2	50
4.	II		NCC (AIR FORCE CADETS) (PRACTICAL)	0	0	2	2	50
5.	III		NCC (AIR FORCE CADETS) (THEORY)	2	0	0	2	50
6.	III		NCC (AIR FORCE CADETS) (PRACTICAL)	0	0	2	2	50
7.	IV		NCC (AIR FORCE CADETS) (THEORY)	2	0	0	2	50
8.	IV		NCC (AIR FORCE CADETS) (PRACTICAL)	0	0	2	2	50
9.	V		NCC (AIR FORCE CADETS) (THEORY)	2	0	0	2	50
10	V		NCC (AIR FORCE CADETS) (PRACTICAL)	0	0	2	2	50
11.	VI		NCC (AIR FORCE CADETS) (THEORY)	2	0	0	2	50
12.	VI		NCC (AIR FORCE CADETS) (PRACTICAL)	0	0	2	2	50

## SEMESTER-I

# OPTION-I: NCC (ARMY CADETS) (THEORY)

Time: 3 Hours L T P

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

6 Hours

## **NCC General:-**

- 1. Aims, Objection and Org of NCC,
- 2. Incentives,
- 3. Duties of NCC, Cadets
- 4. NCC Camps: Types and Conduct

#### **SECTION-B**

4 Hours

## **National Integration and Awareness:-**

- 1. National Integration: Importance and Necessity,
- 2. Factors affecting National Integration,
- 3. Unity in Diversity,
- 4. Threats to National Security

## **SECTION-C**

2 Hours

## **Personality Development:-**

- 1. Factors,
- 2. Self Awareness
- 3. Empathy
- 4. Critical and Creative Thinking
- 5. Decision Making and Problem Solving

#### **SECTION-D**

3 Hours

## Social Service and Community Development:-

- 1. Basics of Social Service
- 2. Rural Development Programmes
- 3. NGO's
- 4. Contribution of Youth

#### **Reference Books:-**

# SEMESTER-I NCC (ARMY CADETS) (PRACTICAL)

Topic	Hours
Drill	12
Field Craft & Battle Craft	03
Map Reading	03
Weapons Training	05
Social Service & Community Development	07
Total	30

# SEMESTER-II OPTION-I: NCC (ARMY CADETS) (THEORY)

Time: 3 Hours L T P

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

**5 Hours** 

## **Personality Development:-**

- 1. Communication Skills
- 2. Group Discussion Coping with Stress and Emotions

## **SECTION-B**

**5 Hours** 

## Leadership:- Leadership Capsule

- 1. Traits
- 2. Indicators
- 3. Motivation
- 4. Moral Values
- 5. Honour Code

## Case Studies:-

1. Shivaji, Jhansi Ki Rani

#### **SECTION-C**

2 Hours

## **Social Services:-**

- 1. Protection of Children & Women Safety
- 2. Road/Rail Travel Safety

## **SECTION-D**

3 Hours

## **Community Development:-**

- 1. New Initiatives
- 2. Cyber and Mobile Security Awareness

## **Reference Books:-**

# SEMESTER-II NCC (ARMY CADETS) (PRACTICAL)

Topic	Hours
Drill	12
Field Craft & Battle Craft	04
Map Reading	05
Weapons Training	04
Social Service & Community Development	05
Total	30

## SEMESTER-III OPTION-I: NCC (ARMY CADETS) (THEORY)

Time: 3 Hours

L T P

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

**5 Hours** 

## **Personality Development:-**

- 1. Group Discussion Change your Mindset
- 2. Public Speaking

## **SECTION-B**

4 Hours

## **Leadership:- Case Studies –**

- 1. APJ Abdul Kalam,
- 2. Deepa Malik, Maharana Pratap, N Narayan Murthy

## **SECTION-C**

3 Hours

## Disaster Management: - Disaster Management Capsule -

- 1. Organisation
- 2. Types of Disaster
- 3. Essential Services
- 4. Assistance
- 5. Civil Defence Organisation

## **SECTION-D**

3 Hours

## Adventure, Border & Coastal Areas:-

- 1. Adventure activities
- 2. History, Geography & Topology of Border/ Coastal Areas

#### **Reference Books:-**

# SEMESTER-III NCC (ARMY CADETS) (PRACTICAL)

Торіс	Hours
Drill	08
Field Craft & Battle Craft	04
Map Reading	04
Weapons Training	04
Social Service & Community Development	05
Operations Training	05
Total	30

## SEMESTER-IV OPTION-I: NCC (ARMY CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## SECTION-A

7 Hours

Personality Development and Leadership:-

- 1. Group Discussion Time Management, Social Skills
- 2. Case Studies Ratan Tata, Rabindra Nath Tagore, Role of NCC cadets in 1965 war.

## **SECTION-B**

10 Hours

## **Disaster Management:-**

- 1. Initiative Trg. Organising Skills
- 2. Do's and Don'ts
- 3. Natural Disasters
- 4. Man Made Disasters
- 5. Fire Services and Fire Fighting

#### **SECTION-C**

7 Hours

## **Environment Awareness and General Awareness:-**

- 1. Environmental Awareness and Conservation
- 2. General Awareness

## **SECTION-D**

6 Hours

## **Armed Forces:-**

1. Army, Navy, Air Force and Central Armed Police Forces

## **Reference Books:-**

## SEMESTER-IV NCC (ARMY CADETS) (PRACTICAL)

Topic	Hours
Drill	07
Field Craft & Battle Craft	04
Map reading	04
Weapons Training	04
Social Service & Community Development	06
Health & Hygiene	05
Total	30

# SEMESTER-V OPTION-I: NCC (ARMY CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

6 Hours

## **Personality Development:-**

- 1. Group Discussion Team Work
- 2. Public Speaking

## **SECTION-B**

2 Hours

## **Border & Coastal Areas:-**

1. Security Setup and Border/Coastal management in the area

#### SECTION-C

3 Hours

## Introduction to Infantry Battalion and its Equipments:-

1. Organisation of Infantry Battalion & its weapons

#### SECTION-D

4 Hours

## Military History:-

1. Study of Battles of Indo-Pak Wars 1965 & 1971

## **Reference Books:-**

# SEMESTER-V NCC (ARMY CADETS) (PRACTICAL)

Topic	Hours
Drill	03
Field Craft & Battle Craft	04
Map Reading	04
Weapons Training	04
Social Service & Community Development	06
Health & Hygiene	05
Operations Training	04
Total	30

## SEMESTER-VI OPTION-I: NCC (ARMY CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

3 Hours

## **Personality Development:-**

1. Carrier Counselling, SSB Procedure and Interview Skills

#### **SECTION-B**

2 Hours

## **Border & Coastal Areas:-**

1. Security Challenges & Role of cadets in Border management

#### SECTION-C

22 Hours

## **Armed Forces and Military History:-**

- 1. Modes of Entry into Army, Police and CAPF
- 2. Biographies of Renowned Generals
- 3. War Heroes: Param Veer Chakra Awardees
- 4. Study of Battles of Kargil
- 5. War Movies

## **SECTION-D**

3 Hours

## **Communication:-**

1. Introduction to Communication & Latest Trends

#### **Reference Books:-**

# SEMESTER-VI NCC (ARMY CADETS) (PRACTICAL)

Topic	Hours
Drill	03
Field Craft & Battle Craft	03
Map Reading	04
Weapons Training	04
Communication	03
Infantry Weapons	03
Social Service & Community Development	10
Total	30

# SEMESTER-I OPTION - II : NCC (NAVAL CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

6 Hours

## **NCC General:-**

- 1. Aims, Objection and Org of NCC,
- 2. Incentives,
- 3. Duties of NCC,
- 4. Cadets, NCC Camps: Types and Conduct

## **SECTION-B**

4 Hours

## **National Integration and Awareness:-**

- 1. National Integration: Importance and Necessity,
- 2. Factors affecting National Integration,
- 3. Unity in Diversity,
- 4. Threats to National Security

## **SECTION-C**

2 Hours

## **Personality Development:-**

- 1. Factors.
- 2. Self Awareness
- 3. Empathy
- 4. Critical and Creative Thinking
- 5. Decision Making and Problem Solving

## **SECTION-D**

3 Hours

## **Social Service and Community Development:-**

- 1. Basics of Social Service
- 2. Rural Development Programmes
- 3. NGO's
- 4. Contribution of Youth

## **Reference Books:-**

# SEMESTER-I NCC (NAVAL CADETS) (PRACTICAL)

Topic	Hour
Drill	12
Naval Communication	3
Weapon Training	5
Seamanship	3
SSCD	7
Total	30

## SEMESTER-II OPTION - II : NCC (NAVAL CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

**5 Hours** 

## **Personality Development:-**

- 1. Communication Skills
- 2. Group Discussion Coping with Stress and Emotions

## **SECTION-B**

**5 Hours** 

## **Leadership:- Leadership Capsule**

- 1. Traits
- 2. Indicators
- 3. Motivation
- 4. Moral Values
- 5. Honour Code

## Case Studies:-

1. Shivaji, Jhansi Ki Rani

## **SECTION-C**

2 Hours

## **Social Services:-**

- 1. Protection of Children & Women Safety
- 2. Road/Rail Travel Safety

## **SECTION-D**

3 Hours

## **Community Development:-**

- 1. New Initiatives
- 2. Cyber and Mobile Security Awareness

#### **Reference Books:-**

# SEMESTER-II NCC (NAVAL CADETS) (PRACTICAL)

Topic	Hour
Drill	12
Naval Communication	3
Weapon Training	4
Seamanship	3
Ship & Boat Modelling	2
SSCD	5
Total	29

# SEMESTER-III OPTION - II : NCC (NAVAL CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

**5 Hours** 

## **Personality Development:-**

- 1. Group Discussion Change your Mindset
- 2. Public Speaking

## **SECTION-B**

4 Hours

## **Leadership:- Case Studies**

- 1. APJ Abdul Kalam.
- 2. Deepa Malik, Maharana Pratap, N Narayan Murthy

#### SECTION-C

3 Hours

## Disaster Management: - Disaster Management Capsule -

- 1. Organisation
- 2. Types of Disaster
- 3. Essential Services
- 4. Assistance
- 5. Civil Defence Organisation

## **SECTION-D**

3 Hours

## Adventure, Border & Coastal Areas:-

- 1. Adventure activities
- 2. History, Geography & Topology of Border/ Coastal Areas

## **Reference Books:-**

# SEMESTER-III NCC (NAVAL CADETS) (PRACTICAL)

Topic	Hour
Drill	8
Naval Communication	3
Weapon Training	4
Seamanship	3
Ship & Boat Modelling	2
SSCD	5
OT	5
Total	30

# SEMESTER-IV OPTION - II : NCC (NAVAL CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

7 Hours

## Personality Development and Leadership:-

Group Discussion – Time Management, Social Skills
 Case Studies – Ratan Tata, Rabindra Nath Tagore, Role of NCC cadets in 1965 war.

## **SECTION-B**

10 Hours

## **Disaster Management:-**

- 1. Initiative Trg. Organising Skills
- 2. Do's and Don'ts
- 3. Natural Disasters
- 4. Man Made Disasters
- 5. Fire Services and Fire Fighting

#### **SECTION-C**

7 Hours

## **Environment Awareness and General Awareness:-**

- 1. Environmental Awareness and Conservation
- 2. General Awareness

## **SECTION-D**

6 Hours

## **Naval Orientation:-**

- 1. Armed Forces and Navy Capsule
- 2. EEZ Maritime Security & ICG

## **Reference Books:-**

# SEMESTER-IV NCC (NAVAL CADETS) (PRACTICAL)

Topic	Hour
Drill	7
Naval Communication	3
Weapon Training	4
Seamanship	3
Ship & Boat Modelling	2
SSCD	6
H&H	5
Total	30

# SEMESTER-V OPTION - II : NCC (NAVAL CADETS) (THEORY)

Time: 3 Hours L T P

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

6 Hours

## **Personality Development:-**

- 1. Group Discussion Team Work
- 2. Public Speaking

## **SECTION-B**

2 Hours

## **Border & Coastal Areas:-**

1. Security Setup and Border/Coastal management in the area

## **SECTION-C**

3 Hours

#### **Naval Orientation:-**

1. Modes of Entry – IN, ICG, Merchant Navy

#### SECTION-D

4 Hours

## Naval Communication and Navigation:-

- 1. Introduction to Naval Communications
- 2. Semaphore
- 3. Navigation of Ship Basic Requirements
- 4. Chart Work

## **Reference Books:-**

# SEMESTER-V NCC (NAVAL CADETS) (PRACTICAL)

Topic	Hour
Drill	3
Naval Communication	3
Weapon Training	4
Seamanship	3
Ship & Boat Modelling	2
SSCD	5
H&H	5
OT	5
Total	30

## SEMESTER-VI OPTION - II : NCC (NAVAL CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

3 Hours

## **Personality Development:-**

1. Carrier Counselling, SSB Procedure and Interview Skills

## **SECTION-B**

2 Hours

## **Border & Coastal Areas:-**

1. Security Challenges & Role of cadets in Border management

#### SECTION-C

18 Hours

## **Naval Orientation and Seamanship:-**

- 1. Naval Expedition & Campaigns
- 2. Introduction to Anchor Work
- 3. Rigging Capsule
- 4. Boatwork Parts of Boat
- 5. Boat Pulling Instructions
- 6. Whaler Sailing Instructions

## **SECTION-D**

7 Hours

## Fire Fighting Flooding & Damage Control and Ship Modelling:-

- 1. Fire Fighting
- 2. Damage Control
- 3. Ship Modelling Capsule

## **Reference Books:-**

# SEMESTER-VI NCC (NAVAL CADETS) (PRACTICAL)

Topic	Hour
Drill	3
Naval Communication	3
Navigation	3
Weapon Training	4
Seamanship	3
FFDC	3
Ship & Boat Modelling	2
SSCD	10
Total	31

## SEMESTER-I OPTION-III: NCC (AIR FORCE CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

6 Hours

## **NCC General:-**

- 1. Aims, Objection and Org of NCC,
- 2. Incentives,
- 3. Duties of NCC,
- 4. Cadets, NCC Camps: Types and Conduct

## **SECTION-B**

4 Hours

## **National Integration and Awareness:-**

- 1. National Integration: Importance and Necessity,
- 2. Factors affecting National Integration,
- 3. Unity in Diversity,
- 4. Threats to National Security

#### **SECTION-C**

2 Hours

## **Personality Development:-**

- 1. Factors,
- 2. Self Awareness
- 3. Empathy
- 4. Critical and Creative Thinking
- 5. Decision Making and Problem Solving

## **SECTION-D**

3 Hours

## Social Service and Community Development:-

- 1. Basics of Social Service
- 2. Rural Development Programmes
- 3. NGO's
- 4. Contribution of Youth

#### Reference Books:-

# SEMESTER-I NCC (AIR FORCE CADETS) (PRACTICAL)

Topic	Hour
Drill	12
Principles of Flight	3
Airmanship	3
WT	5
SSCD	7
Total	30

## SEMESTER-II OPTION-III: NCC (AIR FORCE CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

**5 Hours** 

## **Personality Development:-**

- 1. Communication Skills
- 2. Group Discussion Coping with Stress and Emotions

## **SECTION-B**

**5 Hours** 

## Leadership:- Leadership Capsule

- 1. Traits
- 2. Indicators
- 3. Motivation
- 4. Moral Values
- 5. Honour Code

## **Case Studies:-**

1. Shivaji, Jhansi Ki Rani

## **SECTION-C**

2 Hours

## **Social Services:-**

- 1. Protection of Children & Women Safety
- 2. Road/Rail Travel Safety

## **SECTION-D**

3 Hours

## **Community Development:-**

- 1. New Initiatives
- 2. Cyber and Mobile Security Awareness

## **Reference Books:-**

# SEMESTER-II NCC (AIR FORCE CADETS) (PRACTICAL)

Topic	Hour
Drill	12
Principles of Flight	3
Airmanship	4
Air Campaign	2
WT	4
SSCD	5
Total	30

# SEMESTER-III OPTION-III: NCC (AIR FORCE CADETS) (THEORY)

Time: 3 Hours L T P

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## SECTION-A

5 Hours

## **Personality Development:-**

- 1. Group Discussion Change your Mindset
- 2. Public Speaking

## **SECTION-B**

4 Hours

## **Leadership:- Case Studies –**

- 1. APJ Abdul Kalam,
- 2. Deepa Malik, Maharana Pratap, N Narayan Murthy

#### SECTION-C

3 Hours

## Disaster Management: - Disaster Management Capsule -

- 1. Organisation
- 2. Types of Disaster
- 3. Essential Services
- 4. Assistance
- 5. Civil Defence Organisation

## **SECTION-D**

3 Hours

## Adventure, Border & Coastal Areas:-

- 1. Adventure activities
- 2. History, Geography & Topology of Border/ Coastal Areas

## Reference Books:-

# SEMESTER-III NCC (AIR FORCE CADETS) (PRACTICAL)

Topic	Hour
Drill	8
WT	4
Basic Flight Instruments	3
Aero Modelling	5
SSCD	5
OT	5
Total	30

# SEMESTER-IV OPTION-III: NCC (AIR FORCE CADETS) (THEORY)

Time: 3 Hours L T P

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

7 Hours

## Personality Development and Leadership:-

1. Group Discussion – Time Management, Social Skills

#### Case Studies -

1. Ratan Tata, Rabindra Nath Tagore, Role of NCC cadets in 1965 war.

## **SECTION-B**

10 Hours

## **Disaster Management:-**

- 1. Initiative Trg. Organising Skills
- 2. Do's and Don'ts
- 3. Natural Disasters
- 4. Man Made Disasters
- 5. Fire Services and Fire Fighting

## **SECTION-C**

7 Hours

## **Environment Awareness and General Awareness:-**

- 1. Environmental Awareness and Conservation
- 2. General Awareness

## SECTION-D

6 Hours

## General Service Knowledge:-

- 1. Armed Forces & IAF Capsule
- 2. Modes of Entry in IAF, Civil Aviation
- 3. Aircrafts Types, Capabilities & Role

#### Reference Books:-

# SEMESTER-IV NCC (AIR FORCE CADETS) (PRACTICAL)

Topic	Hour
Drill	7
WT	4
Aero Modelling	8
SSCD	6
H&H	5
Total	30

# SEMESTER-V OPTION-III: NCC (AIR FORCE CADETS) (THEORY)

Time: 3 Hours

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

## **SECTION-A**

2 Hours

## **Personality Development:-**

- 1. Group Discussion Team Work
- 2. Public Speaking

#### SECTION-B

4 Hours

#### **Border & Coastal Areas:-**

1. Security Setup and Border/Coastal management in the area

## **SECTION-C**

1 Hours

## Airmanship:-

1. Airmanship

## SECTION-D

**6 Hours** 

## Basic Flight Instruments and Aero Modelling:-

- 1. Basic Flight Instruments
- 2. Aero modelling Capsule

#### **Reference Books:-**

# SEMESTER-V NCC (AIR FORCE CADETS) (PRACTICAL)

Topic	Hour
Drill	3
WT	4
Aero Modelling	8
SSCD	5
H&H	5
OT	5
Total	30

## SEMESTER-VI OPTION-III: NCC (AIR FORCE CADETS) (THEORY)

Time: 3 Hours L T P

Credits: 2 0 2 Max. Marks: 100 Theory Marks: 50 Practical Marks: 50

## **Instructions for the Paper Setters:-**

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### **SECTION-A**

3 Hours

## **Personality Development:-**

1. Carrier Counselling, SSB Procedure and Interview Skills

## **SECTION-B**

2 Hours

## **Border & Coastal Areas:-**

2. Security Challenges & Role of cadets in Border management

## **SECTION-C**

8 Hours

## General Service Knowledge and Air Campaigns:-

- 1. Latest Trends and Acquisitions
- 2. Air Campaigns

#### SECTION-D

17 Hours

## Principles of Flight, Navigation & Aero Engines:-

- 1. Principles of Flight
- 2. Forces acting on aircraft
- 3. Navigation
- 4. Introduction to Met and Atmosphere
- 5. Introduction and Types of Aero Engines
- 6. Aircraft Controls

## **Reference Books:-**

# SEMESTER-VI NCC (AIR FORCE CADETS) (PRACTICAL)

Topic	Hour
Drill	3
WT	4
Aero Modelling	13
SSCD	10
Total	30