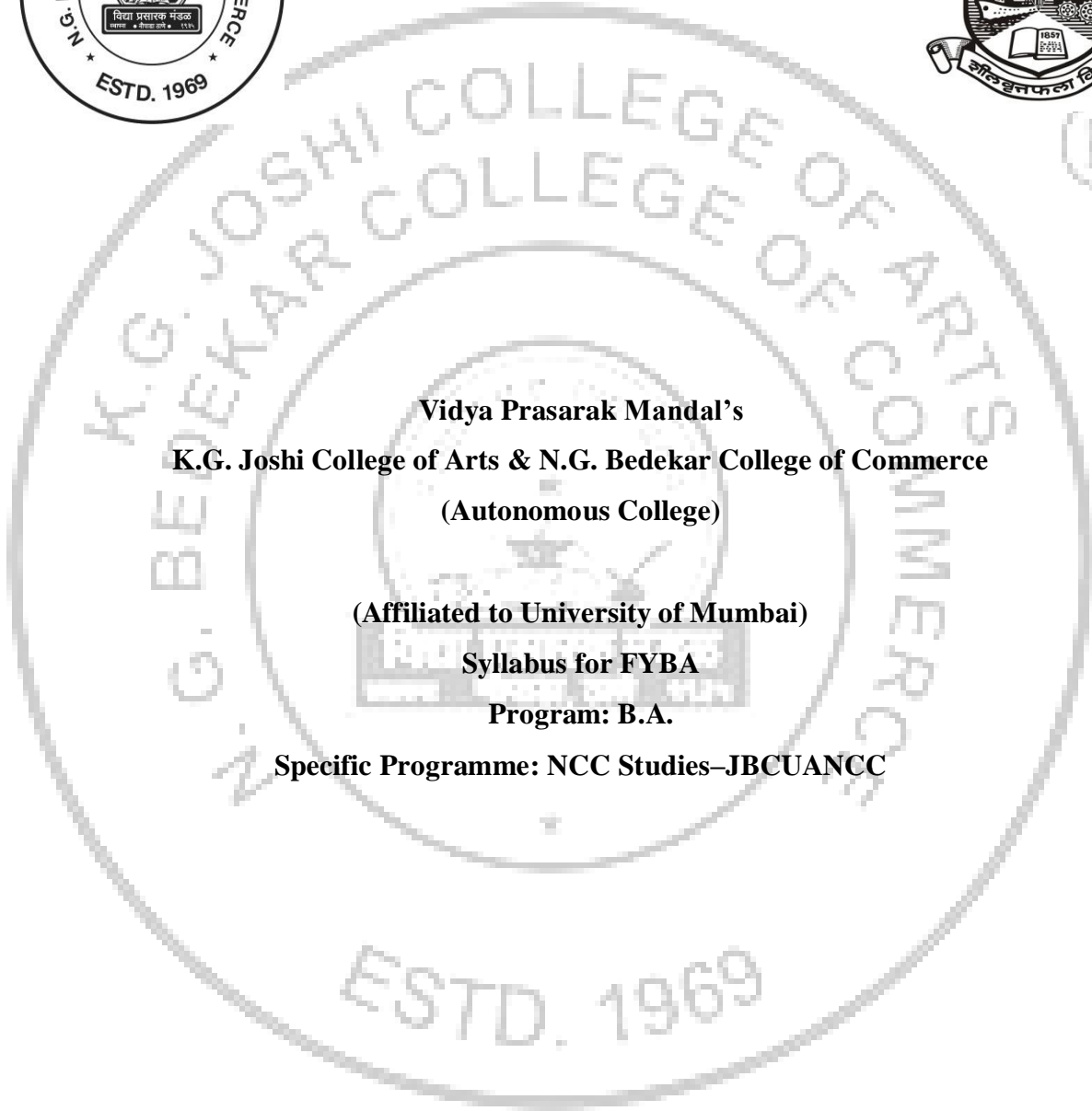


Agenda No. 1.02 in AC  
Date: 07/07/2021



University of Mumbai



**Vidya Prasarak Mandal's  
K.G. Joshi College of Arts & N.G. Bedekar College of Commerce  
(Autonomous College)**

**(Affiliated to University of Mumbai)**

**Syllabus for FYBA**

**Program: B.A.**

**Specific Programme: NCC Studies–JBCUANCC**

## Specific Programme: NCC Studies– JBCUANCC

### PREAMBLE

This course is designed to give exposure to the NCC cadets to the basic principles of NCC subject. The emphasis will be on the development of analytical thinking and to develop the skill of application of NCC subject concepts to analyse the defense, discipline and confidence in the real life situations.

#### Eligibility:

- 1) A student must have successfully cleared the HSC (12<sup>th</sup>) examination and a student must have been selected/enrolled for NCC Army (Boys or Girls), Naval or Air wing. **OR**
- 2) A student must have successfully cleared the HSC (12<sup>th</sup>) examination, but Students who have NOT been selected/enrolled for NCC, but have successfully been completed Junior Division (JD) NCC or MCC at school level/ Junior College level. **OR** Students who have successfully been completed Scout/Guide at school level/Junior College level. **OR** Students who have successfully been completed Sea Cadet Corps or Army training course at school level/ Junior College level. Students NOT selected/enrolled for NCC, who have opted NCC subject will have to furnish undertaking form and students will not claim any facility/camps/washing allowance etc from NCC directorates/government authorities.

#### Examination:

The theory examination of each semester shall be conducted by the college and practical will be conducted during the regular parade days. Examination will comprise of internal and external assessment as per the University Ordinances/Rules/Regulations framed from time to time.

#### NOTE

The NCC 'B' and 'C' Certificate examinations are independent of the college examinations for being conducted by the NCC separately for the aspiring Cadets.

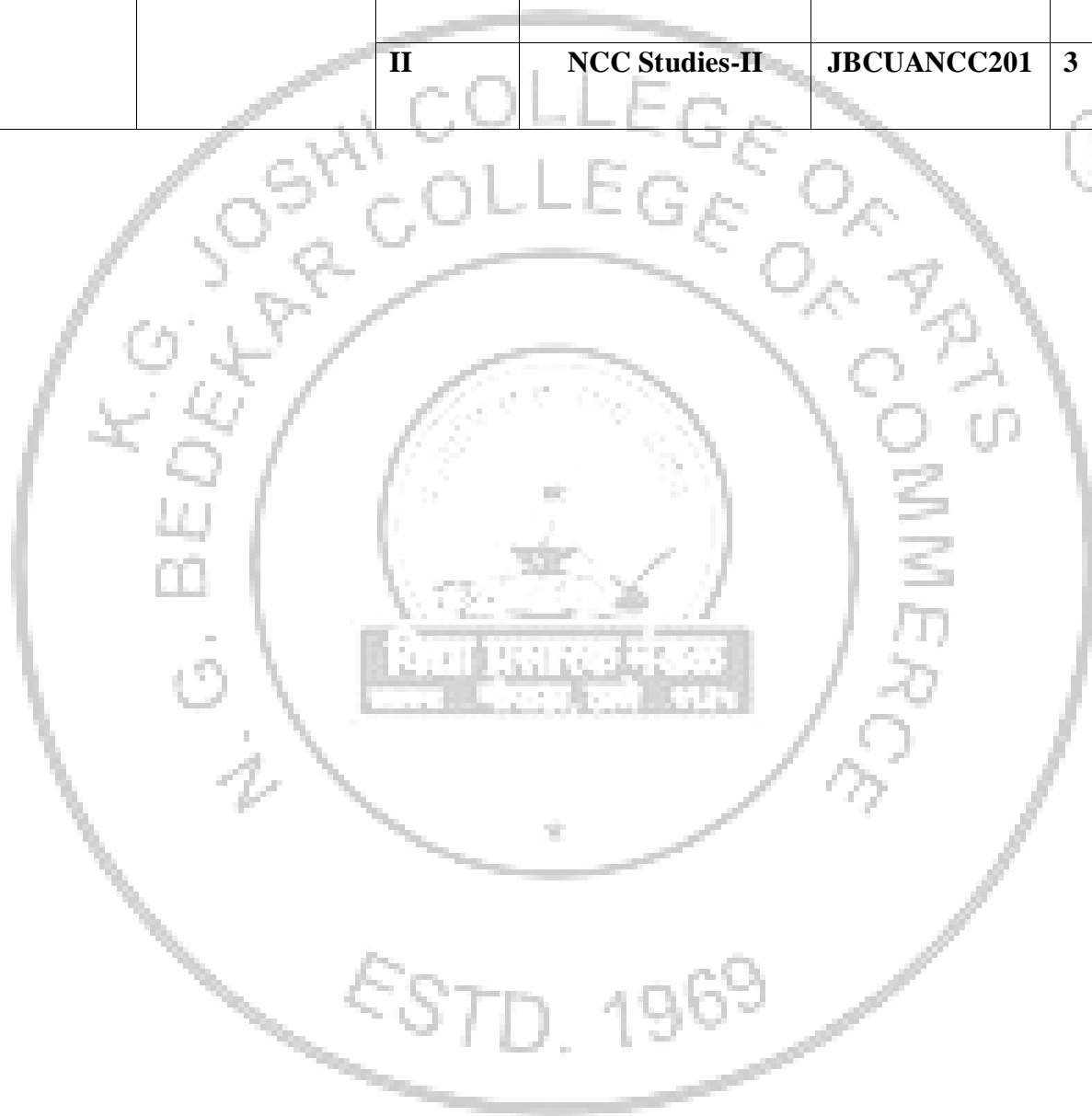
**Mode of Delivery: Offline (Online in case of emergency)**

## PROGRAMME - SPECIFIC OUTCOMES

PSO	PSO Description
PSO1	To make the learners aware about exposure to a range of subjects from Humanities to Science and Technology, apart from the Military Subjects taught both theoretically and practically.
PSO2	To reinforce the aims, motto, vision & mission of the NCC through the academic curriculum
PSO3	To sensitize students towards social climate and culture
PSO4	To equip the learners with the skills of citizenship
PSO5	To take up careers in civil services, defense, paramilitary, police and security forces further prompting increased demand by the students, augmenting recruitment standards of NCC.

### DISTRIBUTION OF TOPICS AND CREDITS

Paper No	Paper Name	Semester	Course Nomenclature	Course Code	Credits
1	NCC Studies	I	NCC Studies-I	JBCUANCC101	3
		II	NCC Studies-II	JBCUANCC201	3



## **COURSE OUTCOMES**

### **Semester- I**

**Course Nomenclature: NCC Studies -I**

**Course Code: JBCUANCC101**

- 1) To acquaint the students about NCC, National Integration & Awareness**
- 2) To help the students to understand about Foot Drill**
- 3) To provide an overview of the Adventure Training**
- 4) To familiarize students with the Personality Development and Leadership skill.**
- 5) To provide information on Army, Navy and Air-force as specialized subject**

### **Semester -II**

**Course Nomenclature: NCC Studies -II**

**Course Code: JBCUANCC201**

- 1) To acquaint the students with the concept of Disaster Management and Social Awareness and Community Development**
- 2) To make students understand the Health and Hygiene**
- 3) To explain the learners about Drill with Arms**
- 4) To elucidate the Weapon Training.**
- 5) To provide information on Army, Navy and Air-force as specialized subject**

The Syllabus approved by the Board of Studies, Academic Council and Governing Body is as follows –

**FYBA**

**SEMESTER- I**

**TITLE: NCC Studies-I JBCUANCC101**

Unit		Lectures
<b>Unit 1:</b>	<b>Introduction to NCC, National Integration &amp; Awareness</b> i. Genesis, Aims, Objectives & Organisation of NCC; NCC Song ii. Incentives & Benefits iii. Basics social services iv. NCC Camps- types and conduct v. National Integration: Importance and Necessity vi. Factors affecting National Integration vii. Unity in Diversity & Role of NCC in Nation Building	<b>9</b>
<b>Unit 2:</b>	<b>Drill: Foot Drill</b> i. General and Words of Command ii. Attention, Stand at Ease and Stand Easy, Turning and Inclining at the Halt iii. Sizing, Forming Up in Three Ranks and Numbering, Open and Close Order March and Dressing iv. Saluting at the Halt, Getting On Parade, Dismissing and Falling Out v. Marching, Length of Pace and Time of Marching in Quick Time and Halt, Slow March and Halt vi. One step to right, left, forward and rear vii. Turning on the March and Wheeling. viii. Marking time and halting; Quick March from Marking time ix. Changing the foot while marching x. Formation of squad and Squad Drill.	<b>10</b>
<b>Unit 3:</b>	<b>Adventure and Obstacle Training</b> i. Introduction to Adventure Activities ii. Obstacle Course	<b>4</b>
<b>Unit 4:</b>	<b>Personality Development and Leadership</b> i. Introduction to Personality Development ii. Factors Influencing /Shaping Personality: Physical, Social, Physiological, Philosophical and Psychological iii. Self-Awareness- Know yourself/ Insight iv. Empathy v. Critical & Creative Thinking vi. Decision Making vii. Group Discussion – Stress and Emotions, Change your mind set, Inter personal relations and Team work viii. Public Speaking	<b>10</b>

	ix. Leadership Capsule – Traits, Indicators, Motivation, Ethics, Honour Code	
<b>Unit 5:</b>	<p><b>Specialized subject (ARMY)</b></p> <p><b>A. Armed Force (AF)</b> i. Armed Forces, Army, CAPF, Police</p> <p><b>B. Introduction to Infantry Weapons and Equipment (INF)</b> i. Organisation of Infantry Battalion and its Weapons</p> <p><b>C. Military history</b> i. Biographies of Renowned Generals ii. Study of Battles – Indo Pak War 1965, 1971 and Kargil iii. War Movies</p> <p><b>D. Communication</b> i. Basic Communication Procedure</p> <p style="text-align: center;"><b>OR</b></p>	12
	<p><b>Specialized subject (NAVY)</b></p> <p><b>A. Naval orientation and Service subjects</b> i. Armed Forces and Navy Capsule ii. Modes of Entry – IN, ICG, Merchant Navy iii. History of the Indian Navy-Pre and Post-Independence iv. Gallantry award winners v. Organization of Navy- NHQ, Commands, Fleets, Ships and shore establishments vi. Types of Warships and their role vii. Organization of Army and Air Force- Operational and Training commands viii. Ranks of Officers and Sailors, Equivalent Ranks in the Three Services</p> <p><b>B. Ship and Boat Modelling</b> i. Principles of Ship Modelling ii. Maintenance and Care of tools</p> <p><b>C. Swimming</b> i. Swimming Basics ii. Floating for three minutes and Free style swimming for 50meters</p> <p style="text-align: center;"><b>OR</b></p>	12
	<p><b>Specialized subject (AIR)</b></p> <p><b>A. General Service Knowledge</b> i. Armed Forces and IAF Capsule ii. History of IAF</p> <p><b>B. Principles of Flight (PF)</b> i. Principles of Flight</p> <p><b>C. Airmanship (AR)</b> i. Visit to Airfield –ATC, Met</p>	12

	ii. Aviation Medicine	
	<b>D. Aero- Engines and Air Frames (AF)</b>	
	i. Introduction and types of Aero-engines	

### REFERENCES

<b>Title</b>	<b>Authors</b>	<b>Publication</b>
Special NCC Order Jun 2020 – Appendix AA to AD		By DGNCC, New Delhi
DGNCC App 2.0	DGNCC	Google Playstore
Cadet's Hand book – Common subject..all wings.	--	BY DG NCC, New Delhi.
Cadet's Hand book – Specialised Subjects, Army, Navy, Air-force	--	BY DG NCC, New Delhi
NCC OTA Precise	--	BY DG NCC, New Delhi
National Cadet Corps (India)	Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow	Betascript Publishing, 2011
National Cadet Corps, Youth in Action (Google eBook)	National Cadet Corps (India)	Lancer Publishers, 2003
Youth in Step: History of the National Cadet Corps	V. Longer	Lancer international, 1983 Original from the University of Michigan
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The National Cadet Corps Act, 1948, as Modify Up to the 1st July 1963	India	Government of India Press, 1963 (Military Law)
Cadet Corps in India: Its Evolution and Impact	Satis Chandra Maikap	DarbariUdyog, 1979 Original from the University of California
National Cadet Corps: 100 Years of Distinction	National Cadet Corps (Singapore)	NCC
The NCC	Singapore, National Cadet Corps Council	National Cadet Corps Council
Grooming Tomorrow's Leaders: National Cadet Corps, 1917-2006	R.S. Chhetri	Lancer Publishers, 2006
National Civil Defence Cadet Corps	Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow	Betascript Publishing, 2011



**SEMESTER- II**  
**TITLE: NCC Studies-II JBCUANCC201**

Unit		Lectures
<b>Unit 1:</b>	<p><b>A) Disaster Management</b></p> <p>i. Civil Defence Organisation and Its Duties/ NDMA            ii. Types of Emergencies/ Natural Disaster            iii. Assistance during Natural / Man Made Disasters: Flood / Cyclone/ Earth Quake/ Accident etc - Team composition and eqpt for specific disasters, specific Dos and Donts            iv. 'Avan' model of NCC            v. Fire Service and Fire fighting</p> <p><b>B) Social Awareness and Community Development</b></p> <p>i. Basics of Social Service, Weaker Sections of Our Society and Their Needs            ii. Social/ Rural Development Project: MNREGA, SGSY, NSAP etc.            iii. Contribution of Youth towards Social Welfare            iv. NGOs            v. Swachha Bharat Abhiyan            vi. Social Evils, Beti Bachao Beti Padhao, Drug abuse, Mission Indradhanush, Digital Awareness, Waste Management, Women Health and Sanitation, Tree Plantation, Traffic Awareness, Pollution            vii. Protection of Children and Women Safety            viii. New Initiatives            ix. Cyber and Mobile Security Awareness</p>	10
<b>Unit 2:</b>	<p><b>Health and Hygiene</b></p> <p>i. Hygiene and Sanitation (Personal and Camp Hygiene)            ii. First Aid in Common Medical Emergencies, Treatment and Care of Wounds            iii. Introduction to Yoga and Exercises</p>	5
<b>Unit 3:</b>	<p><b>Drill with Arms</b></p> <p>i. Attention, Stand at Ease and Stand Easy            ii. Getting on Parade with Rifle and Dressing at the Order            iii. Dismissing and Falling Out            iv. Ground / Take Up Arms            v. Present From the Order and Vice-versa            vi. General Salute, Salami Shastra</p>	5
<b>Unit 4:</b>	<p><b>Weapon Training</b></p> <p>i. Characteristics of a Rifle / Rifle Ammunition and its Fire Power            ii. Stripping, Assembling, Care and Cleaning and Sight Setting of .22 rifle</p>	10

	<ul style="list-style-type: none"> <li>iii. Stripping, Assembling, Care and Cleaning of 7.62mm SLR</li> <li>iv. Loading, Cocking and Unloading</li> <li>v. The lying position, Holding and Aiming- I</li> <li>vi. Trigger control and firing a shot</li> <li>vii. Range procedure and safety precautions</li> <li>viii. Short range firing, Aiming- II -Alteration of sight</li> </ul>	
<b>Unit 5:</b>	<p><b>Specialized subject (ARMY)</b></p> <p><b>A. Map Reading (MR)</b></p> <ul style="list-style-type: none"> <li>i. Introduction to Map Reading</li> <li>ii. Conduct of MR, Google and Tourist Maps and Apps</li> </ul> <p><b>B. Field Craft and Battle Craft (FC &amp;BC)</b></p> <ul style="list-style-type: none"> <li>i. Introduction to Field Craft</li> <li>ii. Indication of Landmark</li> <li>iii. Observation, Camouflage and Concealment</li> </ul> <p><b>C. Army Communication</b></p> <p style="text-align: center;"><b>OR</b></p> <p><b>Specialized subject (NAVY)</b></p> <p><b>A. Naval Communication</b></p> <ul style="list-style-type: none"> <li><b>i. Introduction to Naval Modern Communication, Purpose and Principles</b> <ul style="list-style-type: none"> <li>a. Introduction of Naval communication</li> <li>b. Duties of various communication sub-departments</li> </ul> </li> <li><b>ii. Semaphore</b> <ul style="list-style-type: none"> <li>a) Introduction of position of letters and prosigns</li> <li>b) Reading of messages</li> <li>c) Transmission of messages</li> </ul> </li> </ul> <p><b>B. Seamanship</b></p> <p><b>A. Anchor work</b></p> <ul style="list-style-type: none"> <li>i. Introduction to Anchor Work</li> <li>ii. Parts of Anchor and Cable, their identification</li> </ul> <p><b>B. Rigging</b></p> <ul style="list-style-type: none"> <li>i. Types of ropes and breaking strength- stowing, maintenance and securing of ropes</li> <li>ii. Practical Bends and Hitches: Reef Knot, Half hitch, Clove Hitch, Rolling Hitch, Timber Hitch, Bow Line, Round Turn and Two half hitch and Bow line on the Bight and its basic elements and uses.</li> <li>iii. Introduction to Shackles, Hooks, Blocks and Derricks, Coiling Down and Splicing of rope</li> </ul>	<p>15</p> <p>15</p>

<p><b>C. Boat work</b></p> <ol style="list-style-type: none"> <li>i. Parts of Boat and Parts of an Oar</li> <li>ii. Instruction on boat Pulling- Pulling orders</li> <li>iii. Steering of boat under oars, Practical instruction on Boat Pulling, Precautions while pulling</li> </ol> <p style="text-align: center;"><b>OR</b></p> <p><b>Specialized subject (AIR)</b></p> <p><b>A. Navigation and Meteorology (NM)</b></p> <ol style="list-style-type: none"> <li>i. Introduction to Met and Atmosphere</li> </ol> <p><b>B. Flight Instruments (IN)</b></p> <ol style="list-style-type: none"> <li>i. Basic Flight Instruments</li> <li>ii. Introduction to Radars</li> </ol> <p><b>C. Aero-Modelling</b></p> <ol style="list-style-type: none"> <li>i. History of Aero modelling</li> <li>ii. Materials used in Aero modelling</li> <li>iii. Type of Aero models</li> <li>iv. Flying/ Building of Aero models</li> </ol>	15
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### REFERENCES

Title	Authors	Publication
Special NCC Order Jun 2020 – Appendix AA to AD		By DGNCC, New Delhi
DGNCC App 2.0	DGNCC	Google Playstore
Cadet's Hand book – Common subject..all wings.	--	BY DG NCC, New Delhi.
Cadet's Hand book – Specialised Subjects, Army, Navy, Air-force	--	BY DG NCC, New Delhi
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		of Michigan
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## Modality of Assessment

### A. Internal Assessment: 40% - 40 Marks

Serial No.	Evaluation Type	Marks
1	Written Test	20
2	Project, assignment etc	15
3	NCC Song and Class Participation	5
	Total:	40

### B. External Examination: 60%- 60 Marks

Semester End Theory Examination

Time: 2 hours

- NB.
1. All questions are compulsory.
  2. Each question has internal options.
  3. Figures to the right indicate marks.

Questions No.	Sub- Questions	Marks
1	Objective type questions such as Multiple Choice Questions, True or falls, fill in the blanks, match the following etc. to be asked covering all units of the syllabus.	12
2	A. Short question (from Unit II) B. Short question (from Unit II) OR C) Short question (from Unit II) D) Short question (from Unit II)	12
3	A. Short question (from Unit III) B. Short question (from Unit III) OR C) Short question (from Unit III) D) Short question (from Unit III)	12
4	A. Short question (from Unit IV)	12

	<p>B. Short question (from Unit IV)</p> <p>OR</p> <p>C) Short question (from Unit IV)</p> <p>D) Short question (from Unit IV)</p>	
5	<p>Short note on <b>Specialized subject from Unit No.V</b>  <b>(ARMY/NAVY/AIRFORCE)</b>          (Any three out of five)</p>	12

