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1.False	2. False	3. False	4. True	5. True	
6. False	7. False	8. True	9. True	10. False	
Q.1 B) Fill I in the blanks:					
1. Nirmala Sitharaman		120 steps	3. 5 groups	4. Lying	5. Left leg
6. General Bipi	n Rawat	7. Borivali, Mu	mbai 8. Bana	aras Hindu University	

Q.1 A) State True or False:

9. 2 parts 10. Tol Shastra

Ans 2 a) National Integration is necessary for the progress of any nation. To promote a feeling of national harmony, co-operation and brotherhood among citizens cadets of all states during NIC and during various National Level camps where in they interact with each other and get an opportunity to see cultural activities of distant places. They are trained to respect other religions thereby National Integration is embibed. It refers to integration in all respects,

- Social political
- Economic
- Emotional

In an integrated country people share common goals. They all work together and co-operate with each other for the prosperity of the nation.

The importance of National Integration is:

National Integration is a process that demands a continued presence of bonds of emotional unity.

- > National Integration leads to the development of Nation.
- > Other countries will respect and honour to our country.
- > Communalism, Linguism & Regionalism will be avoided.
- > Ancient culture is ended for which casteism, regionalism, linguism come on focus.
- Terrorism will not spread.

Ans 2 b) Various religions of India are:

- 1. Hindu
- 2. Sikh
- 3. Islam
- 4. Parsi
- 5. Jain
- 6. Buddha

7. Christianity

OR

Ans 2) a) National Integration helps in survival of nation by the following means:

- Maintainence of sovereignity and territorial integrity of the nation
- Maintainence of peace and harmony
- Growth and Development of the nation
- Eradication of poverty and illiteracy
- Internal security and law and order
- Culture and religious development
- Economic and industrial growth
- Attract foreign investment and increase import and export
- Exchange of technological know-how and culture
- Dignity and self respect as a nation
- Welfare and well-being of the people
- Foreign relations and better understanding among the nations of the world.

Ans 2) b) India Exhibits Unity in Diversity.

- India is a vast country with diversity in caste, religion, customs and traditions where people from different ethnological groups having different languages or dialects, follow different rituals in daily life and work together shoulder to shoulder.
- Importance of National Unity.
- Fundamentals of Unity
 - i) Language
 - ii) Casteism
 - iii) Education
 - iv) Communalism
 - v) Regionalism
- Ethics and Social Values
- Cultural and Traditional Values
- Discipline and Patriotism

Ans 3) a) Various objectives of drill

- Steadiness
- Smartness
- Co-ordination
- > Continuity
- Sharp & Active

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Ans 3) b) Adventure activities organized by NCC are:

- Trekking
- Rock climbing
- Mountaineering expedition
- Para jumping
- Basic and advance mountaineering courses
- Hand gliding
- White water rafting
- Para sailing
- Cycle/motor cycle expedition
- Rowing/Rafting expedition

OR

Ans 3) a) Advantages of adventure activities to NCC cadets are:

- It builds confidence
- It helps to develop leadership qualities
- Motivates cadets
- Makes mentally and physically fit
- Increases our endurance and team spirit

Ans 3) b) The points that should be planned before conducting adventure training are:

- Plan should be realistic and not over ambitious
- Physical standards of the cadets.
- > Finance
- Logistic plan
- Medical cover
- Gathering of information like topography, weather, routes, etc.
- Detailed briefing

Ans 4) a) Importance of rain water harvesting is:

Rainwater harvesting means capturing the runoff of the rainwater in our own house, village, town or city. It basically means accumulation and storage of rainwater for reuse, before it reaches the aquifer. Utilisation includes water for garden, livestock, irrigation, etc. In many places, the water collected is just redirected to a deep pit with percolation. The harvested water can be used for drinking water also, if the storage is a tank that can be accessed and cleaned when needed.

Ans 4) b) Remedial measures of noise pollution are:

- Designing and fabricating silencing devices
- Transmission control

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- > To protect exposed person
- > To create vegetation cover
- To control through law

OR

Ans 4) a) The qualities of leadership are:

- Alertness
- Courage
- Justice
- Loyalty
- Self-confidence
- Maturity
- Endurance
- Patience
- Truthfulness
- Knowledge

Ans 5) 1) ARMY

The characteristics of 5.56mm INSAS rifle are:

- Same ammunition for all section weapons
- Pressed sheet metal body
- Front locking system
- Chrome plated barrel
- 3 round burst control mechanism for rifle
- Flash eliminator cum grenade launcher •
- Plastic furniture
- Transparent Plastic Magazine •
- Multipurpose Bayonet
- Commonality and interchangeability of components •

Ans 5) 2)) War movies

- Lakshya
- Border
- Mangal Pandey
- The Ghazi Attack
- LOC Kargil •

Ans 5) 3) Indo-Pak (Kargil War).

Kargil war also called as Kargil Conflict.

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- > It was an armed conflict between India and Paistani forces.
- This war took place in may & july 1999 in the Kargil district of Kashmir and along the Line Of Control.
- It is also reffered as Operation Vijay.

Ans 5) 4) Organisation of Infantry Battalion:

- 21 Officers
- 33 JCOs
- 765 Other ranks
- 32 Non combatant Enrolled (NCE)
- 1 Medical
- 1 JCO (AEC)
- 2 Nursing Assistant
- 2 AEC Havildar
- 4 Armorour
- 4 mechanics
- 1 electician

In an Infantry battalion there is Battalion Headquarter, Headquarter Company and four Rifle Companies.

Ans 5) 5) Awards and honors in Indian Army: Wartime gallantry awards Peacetime gallantry Awards

Distinguished Service & Gallantry medals

Ans 5) 1) NAVY

Customs of Navy

- Salute:
- Honors To The Flag'
- BRIDGE CUSTOMS: Bridge is the center of operations of the ship while underway. If CO is present, appropriate greetings must be rendered.
- PROCEDURE IN ENTERING/LEAVING THE SHIP:
 A. At the gangway
 B. When boarding in-group
- CROSSING THE NEST:
- HALF MASTING
- BASIC RULE FOR BOATS AND VEHICLES: "SENIORS ARE LAST IN, FIRST OUT"

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Ans 5) 4) Role of Coast Guard

A **coast guard** or **coastguard** is a <u>maritime security</u> organization of a particular country. It has responsibility for search and rescue, enforcement of maritime law- anti-smuggling, immigration and shipping regulations- and protecting the country's maritime and offshore resources

- search and rescue,
- enforcement of maritime law,
- safety of vessels,
- maintenance of seamarks, and
- border control.

Ans 5) 5) Precautions while swimming

- focus on your exhalation not your inhalation
- When you're not breathing, keep your head still
- breathe into the trough your bow wave is your friend
- don't lift your head
- don't over rotate your head
- a lack of body rotation could be hurting your breathing
- learn to breathe bilaterally

Ans 5) 1) AIR Branches of the IAF Flying Branch Technical Branch Ground Duty Branch

Ans 5) 2) Organisation of Air Force

- Air branch
- Maintainence branch
- Administrative branch

Ans 5) 4) The **Venturi effect** is the reduction in fluid pressure that results when a fluid flows through a constricted section (or choke) of a pipe. The Venturi effect is named after Giovanni Battista Venturi (1746–1822), an Italian physicist.