

Qno :1

Fill in the blanks

- a) The distance in Nikat line is **45inch**.
- b) Salute with hand is of **3** types.
- c)The angle of vishram position is **30°**.
- d)The angle of half turn is **45** degree.
- e)There are **5** .steps taken on dhahine salute.

Qno:2

True or false

- a) Aftwer Inspection To March The Contingent First Nikat Line Is Carried Out (**T**)
- b) When strength is less than nine, three files are formed in drill (**F**)
- c) During the speed march the distance of steps is 32 inch (**F**)
- d) In Salami Shastra Salute Be Given To The Rank Of Capt . (**F**)
- e) There are total six cadets in quarter guard. (**F**)

Qno:3

.22 MK IV Rifle Specifications.

- a) Length - **45"**
- b) Weight - **8Lbs- 10 ½ 03**
- c) Magazine capacity - **10Rds**
- d)Muzzle velocity - **2700 m/s**
- e) Grooves in barrel - **06**
- f) Effective Range - **257**
- g) Calibre - **0.22**
- h)Normal Rate of fire - **5Rds/min**

Qno: 4

- a) The innermost circle of the target paper is called **Mean point of impact**.
- b) Cadet make **10** rounds of group in grouping fire.
- c) **1×1** target is used in grouping fire
- d) Size of chindi for cleaning .22 rifel is **4×2 inch**.
- e) While assembling .22 rifel,safety catch should be in **safe** position.

Qno: 5

Write down 5 parts of .22 rifle?

- 1.foresight 2.upper hand guard 3.lower hand guard 4.trigger 5.trigger guard
6.safety catch 7.small of butt 8. But plate 9.barrel.

Qno:6

What are the documents to be kept in firing range ?

- (i) Firing point register. (ii) Butt register.
(iii) Range course SAO 12/S/85 (new RANGE course) (iv) No damage certificate
(v) Lead deposit certificate (vi) Ammunition aur fired case ka detail.

Qno : 7

Write any five precautions to be taken at firing points?

1. ALWAYS KEEP YOUR FIREARM POINTED IN A SAFE DIRECTION.
2. TREAT ALL FIREARMS AS IF THEY WERE LOADED.
3. KEEP YOUR TRIGGER FINGER OUTSIDE THE GUARD AND OFF OF THE TRIGGER UNTIL YOU ARE READY TO FIRE.
4. BE CERTAIN OF YOUR TARGET, YOUR LINE OF FIRE, AND WHAT LIES BEYOND YOUR TARGET.
5. ALWAYS WEAR APPROPRIATE EYE AND EAR PROTECTION WHEN SHOOTING AND MAINTAINING YOUR FIREARM.

Qno: 8

- a) Name of DDG TN,P&AN is **COMMODORE ATUL KUMAR RASTOGI**
- b) Moto of ncc is **UNITY AND DISCIPLINE**

Qno: 9

- a) PT Hridynath kunjru is known as the father of Ncc **(True)**
- b) Satymev jeyathe is written below the logo of NCC **(False)**
- c) Ncc come out in existence on 16th july 1948 **(True)**

Qno: 10

What does National integration includes?

*Nation Integration is the awareness of a common identity among the citizens of a country, this means

*that although we belong to different castes, religions and speak different languages, we recognize the fact that we are all one.

*It is not just a national feeling, but the spirit which brings people of all dialects and beliefs together in a similar endeavor.

*National Integration' arises thought the behaviour and determination of citizens.

*It is the duty of every person as a citizen to oppose the forces and ideas that weaken national unity and integrity.

*In this article, we have discussed the definition of national integration by different authors, importance of

Qno: 11

What is the necessity of national integration?

India is a sovereign, democratic, secular country. It is a secular country where the people of all religions worship without any hindrance according to their religious practices, through subject to law and order. Geographically and linguistically India has a variety, it is our unity in diversity. Indian people in different states and regions eat different kinds of food. They wear different clothes, they speak different languages, they have different castes and observe different religious practices, still, they are Indian. National integration

is the awareness of a common identity among citizens of the country, this means that although we belong to different religions and speak different languages, we recognise the fact that we are all one.

Qno: 12

Write down any five key elements of National security doctrine?

- 1 Physical. 2 Infrastructural. 3 Virtual. 4 Political.
- 5 Economic. 6 Environmental. 7 Energy and natural resources.

Qno: 13

Write any five internal threats of National security?

1. Pandemic Threats 2. Biological Warfare 3. Cyberterrorism
4. Climate Change and National Security 5. Transnational Crimes.

Qno: 14

What are the factors affecting the national integration?

1. CASTEISM 2. COMMUNALISM 3. PROVINCIALISM 4. POLITICAL PARTIES
5. LINGUISTIC DIFFERENCES 6. ECONOMIC DISPARITY.

Qno:15

- (a)Your personality can be influenced by the games you may have inherited . (**T**)
- (b)Self-image is how one perceives him herself- positively or negatively.(**T**)
- (c)Two way communication does not provide opportunity to clarify doubts.(**F**)
- (d)Language is a communication barrier.(**F**)
- (e)Courage is a physical state. (**F**)

Qno:16

- a) Ability to sensitive to another person's situation is called **Empathy**.
- b) **Skill** are acquired through practice and patience .

(c) Of the other factors, **Environment** is the most important that can influence one's personality.

(d) **creativity** is the ability to imagine or invent something new

(e) **critical thinking** is the ability to analyse information and experience in an objective manner.

Qno :17)

Name any six Physical and Social factors influencing/shaping Personality?

*Environmental factors, family background, financial conditions, genetic factors, situations and circumstances also contribute to an individual's personality. In a layman's language, how we behave in our day to day lives reflects our personality.

Q18

List any six characteristics of a creative person?

CHARACTERISTICS OF THE CREATIVE PERSON

1. curious 2. seeks problems 3. enjoys challenge 4. optimistic
5. able to suspend judgment 6. comfortable with imagination
7. sees problems as opportunities 8. sees problems as interesting
9. problems are emotionally acceptable 10. challenges assumptions

Q-19)

Write any six Types of etiquette?

*Social etiquette. *Meeting etiquette. *Wedding etiquette *Corporate etiquette
*Bathroom etiquette. ... *Business etiquette *Eating etiquette. *Telephone etiquette

Qno : 20

What are the principles of time management?

*Planning *Prioritising *Scheduling. *Organisation. *Delegation. *Discipline

Qno: 21

What is the life skill of self-awareness?

*Self Awareness means to know about one's strengths and weaknesses. And also the flaws, perception, thoughts, beliefs, ideals, responses, reactions, attitudes, emotions, feelings and motivations. It is having an insight into one's personality and focussing on oneself

Qno: 22

List of any six stress management techniques ?

*Breath focus. *Body scan. *Guided imagery. .. *Mindfulness meditation
*Yoga, * tai chi. *Repetitive prayer.

Q-23)

Write any six core life skills?

*Decision-making, * creative thinking *interpersonal relationship skills
*self- awareness building skills * empathy, * coping with stress and emotions.

Qno: 24

What Are The Benefits Of Career Counselling?

*Advise appropriate career path. .. *Provide tips for salary negotiation
*Assist with interview coaching. *Determine your strengths and weaknesses
*Provide educational and job search support. *Offers job change counselling sessions
*Know the industry or type of job you plan to pursue.

Qno:25

How can I enhance my social skills?

*Improve your emotional intelligence. *Put yourself in their shoes. *Look inwards..
*Practice effective communication skills. *Fake it 'till you make it. *Ask more than you speak *Give compliments. . *Be polite. *Use open body language and non-verbal communication.

Qno :26

What are the Barriers while speaking?

- ❖ Unclear messages
- ❖ Lack of consistency in the communication
- ❖ process
- ❖ Incomplete sentences
- ❖ Not understanding the receiver
- ❖ Not seeking clarifications while
- ❖ communicating

Qno: 27

Name any eight leadership traits?

- ❖ Honesty and integrity
- ❖ Confidence.
- ❖ Iaskicie
- ❖ Inspire Others
- ❖ Commitment and Passion
- ❖ Good Communicator.
- ❖ Decision Making Capabilities
- ❖ Accountability.
- ❖ Delegation and Empowerment

Q28

Write any four tenets of honour code?

- 1.Tell the truth,even when it's difficult.
- 2.Treat others with dignity and respect
3. Keep your word and your commitments.
- 4.Be ethical
- 5.Act responsibly: do your duty, andbe accountable.
- 6.Live yourvalues.

Qno:29 full forms

NDRF - National Disaster Response Force.

NGO - Non-Governmental Organisation

SDRF - State Disaster Response Fund

SDMA - State Disaster Management Authority

DDMA -District Disaster Management Authority

Qno: 30

Name any five group of NCC Cadets need to create for provideeing assistance for disaster management?

Qno :31

Write down any five types of natural disaster?

- Geological Disasters
- Hydrological Disasters
- Meteorological Disasters
- Space Disasters
- Forest fires

Qno: 32 full forms

PMJJBY - Pradhan mantri jeevan jyoti bima yojana

MGNREGA - Mahatma Gandhi National Rural Employment Guarantee Act

PMAY - Pradhan moblie Application for New aga Governance

HIV - Human immunodeficiency Virus.

Qno : 33

Write any five causes of road accident?

- ❖ Over Speeding

- ❖ Drunken Driving
- ❖ Distractions to Driver.
- ❖ Red Light Jumping
- ❖ Avoiding Safety Gears like Seat belts and Helmets
- ❖ Non-adherence to lane driving and overtaking in a Wrong manner.

Qno:34

Write any five preventive measures to reduce Drug Abuse?

- ❖ Understand how substance abuse develops
- ❖ Avoid Temptation and Peer Pressure.
- ❖ Seek help for mental illness
- ❖ Examine the risk factors
- ❖ Keep a well-balanced life.

Qno: 35

List out any five important Rural Development Programmes?

- ❖ The Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)
- ❖ the Rastriya Sama, Vikas Yojana (RSVY),
- ❖ the Indira Awas Yojana (IAY),
- ❖ the Sampoorna Grameen Rozgar Yojana (SGRY),
- ❖ the Integrated Tribal Development Project (ITDP), and
- ❖ the Pradhan Mantri Gram Sadak Yojana were all launched by the Government of India

Qno: 36

List out any five ways NCC cadets can contribute in social service activities?

1. Tree plantation
2. Adult education
3. Blood donation
4. Area cleaning

5, Road formation 6, Eye donation

Qno: 37

Write five ways for prevention of Dowry?

- ❖ Educate your daughters
- ❖ Encourage them to have their own career
- ❖ Teach them to be independent and responsible
- ❖ Treat them (your daughter) equally without any discrimination.
- ❖ Do not encourage the practice of giving or taking dowry

Qno: 38

Wite down keys to safer food?

- ❖ keep clean
- ❖ separate raw and cooked;
- ❖ cook thoroughly
- ❖ keep food at safe temperatures; and
- ❖ use safe water and raw materials

Qno: 39

Write down General Rules of First Aid in Casualties of Unconsciousness?

1. call 999 as soon as possible and ask for an ambulance.
2. treat any obvious injuries. 3. lie the person down if their injuries allow you to and, if possible, raise and support their legs. 4. use a coat or blanket to keep them warm.
5. do not give them anything to eat or drink 6. give them lots of comfort and reassurance.

Q-40)

Write down five components of Food Hygiene?

- ❖ Personal hygiene.
- ❖ Preventing cross-contamination

- ❖ Cleaning procedures
- ❖ Allergen control
- ❖ Safe storage of food
- ❖ Cooking temperatures

Q-41)

Write First Aid treatment for Bums and Scalds?

Cool the burn with cool or lukewarm running water for 20 minutes as soon as possible after the injury. Never use ice, iced water, or any creams or greasy substances like butter. Keep yourself or the person warm. Use a blanket or layers of clothing, but avoid putting them on the injured area.

Q-42)

Write Don'ts for Snake Bite?

- ❖ Panicking during such times would make matters worse.
- ❖ Do not make any cut, scratch or incision, leave the bite alone
- ❖ Do not suck the wound, it is a myth and medically not advisable.
- ❖ Do not apply an ice pack to the bitten area
- ❖ Do not use a tight bandage or tourniquet

Q-43)

Write any five names of adventure activities conducted in NCC?

NCC cadets are given the opportunity to participate in a host of adventure activities including.

- *Mountain Treks and Expeditions,
- *Trekking Parasailing , *Sailing Scuba
- *Diving, * Kayaking, *Camel safari etc.

Q-44)

What are the aims of Trekking Camp?

The whole aim is to inculcate a spirit of adventure, explorative ,inquisitiveness, develop stamina, endurance, discipline, courage, determination, comradeship,leadership leading to development of self-confidence, team spirit and spirit-de- corps amongst NCC cadets.

Q45

List the safety tips for Rock Climbing?

- ❖ Always Check Harnesses.
- ❖ Always Check Knots
- ❖ Always Wear a Climbing Helmet.
- ❖ Always Check the Rope and Belay Device.
- ❖ Always Use a Long Rope.
- ❖ Always Pay Attention.
- ❖ Always Bring Enough Gear.

Q-46)

Write down any seven type of Obstacles?

Straight balance , Clear Jump, Gate vault , Zig zag balance , High wall , Double Stride Jump, Right Hand Vault , Left Hand Vault , Ramp . .

QNO:47

Answers

a) Assaam Rifles

b) The president of india

c)

d)

e)

f) 45 to 50 tanks

g) Army aviation

h) EME

Qn no 48.

List out any five Central Armed Police Forces?

- ❖ Assam Rifles (AR)
- ❖ Border Security Force (BSF)
- ❖ Central Industrial Security Force (CISF)
- ❖ Central Reserve Police Force (CRPF)
- ❖ Indo Tibetan Border Police (ITBP)
- ❖ National Security Guard (NSG)
- ❖ Sashastra Seema Bal (SSB)

Qn no 49

List out any five major operations done by army since independence?

- ❖ . During First Kashmir War(1947)
- ❖ . During Sino-Indian War (1962)
- ❖ . During Second Kashmir War (1965)
- ❖ . During Bangladesh Liberation War
- ❖ . During Siachen conflict (1980)
- ❖ . Operation Blue Star (1984)
- ❖ . Operation Woodrose (1984)

Qno:50 true or false

(a) Col or saddle is a narrow ridge of high land joining up to higher hills. (**F**)

(b) Ridge is a line along a hill or range of hills or mountains from which water flows in opposite directions.(**T**)

(c) Contours are the lines drawn on the map joining up all points of equal height above sea level.(**T**)

(d) Magnetic Variation is the difference between True North and Magnetic North. (**T**)

(e) Relief is applied to the shape of the ground in a vertical plane (**T**)

QNO:51

(a) **_MAP_** is the geographical representation of land on a paper.

(b) **cardinal direction** _are the four major directions North, South, East and West.

(c) _____ is the angular difference between Grid North and True North.

(d) **compass** is an instrument used for plotting and measuring bearing on the map.

(e) Deviation of the magnetic needle in the compass from the magnetic NORTH is termed as **Magnetic declination** _

Qn no 52.

Write Short Note On Global positioning system?

The Global positioning system(GPS) tells you where you are on Earth.

It is a system of satellites and receiving devices that provide accurate information about their presence on the earth to people and equipment, in the normal GPS operating system, 24 satellites are used which complete the orbit of the earth in 12 hours.

*There are five main uses of GPS: 1 .Location 2. Navigation 3.Tracking 4.Mapping 5 .Timing Across the globe .the GPS provides critical positioning capabilities to military, commercial and civil users.

Qno: 53

Explain how to Convert Grid Bearing to Magnetic Bearing?

- (a) Measure the Grid Bearing of an object on the map with help of the service protractor from your own position.
- (b) Suppose the Grid Bearing of the object is 1500.
- (c) Now, find out the Magnetic Variation of the area with the help of Map (Magnetic Variation is given on the Top right corner of the map). Suppose Magnetic Variation of the area is 60.
- (d) Now, add this Magnetic Variation to the Grid Bearing.
- (e) The resultant will be the Magnetic Bearing of the object i.e. 1560.

Qno: 54

How to take a bearing from a compass?

Step 1. Rotate your body to point Direction of Travel Arrow at item or destination.

Step 2. Rotate the Bezel until North Seeking Needle aligns with the North Orienting Arrow (this is called " boxing the needle")

Step 3. Read compass bearing at Index Line

Q-56)

What are the methods of judging distance?

These are as under: unit of measure, appearance method, section average, key range, halving, bracketing method.

Qno:57

(a) **Dead ground** is the Ground that is hidden from an observer's view.

(b) Distances are _____ when the sun is in the observer's eye

(c) When the observer works out the maximum and the minimum possible

distances of the object and then accepts the mean as the distance is known as **Averaging**

(d) The only suitable method for judging distance during night is the **key range method**

(e)**Field craft**_ is nothing but set of drills which are essentially conduct of successful operations in the battle field.

Q-58)

Explain Types of Ground?

(a) Broken Ground. It is uneven and is generally interspersed with nullahs, bumps and fields in the ground.

(b) Flat and Open Ground. It is even ground with little cover e.g. bushes, hedges and similar foliage

(c) High Ground

(d) Dead Ground

Q-59)

Which all subjects does the field craft includes?

Field skills include camouflage, land and water navigation, understanding the difference between concealment from view and cover from small arms' fire, using the terrain and its features to mask ground movement, obstacle crossing, selecting good firing

positions, lying-up positions camping positions, effective

Qno:60

Fill in the blanks:

(a)Two important infantry battalion support weapons are **81mm Mortar**_and **Anti tank guided missile**.

(B) 7.62 mm Dragunov is a **Sniper** rifle.

(C)**Infantry Battalion**_ is the most important organization of the army.

(d)INSAS stands for **Indian small arms system**.

(e)**Infantry**_ is the basic fighting unit of indian Army.

Q-61)

What are the capabilities of infantry battalion?

- ❖ It can fight an enemy independently or as part of a larger force.
- ❖ It has the sustenance power and motivation to fight till the end.
- ❖ The Infantry Battalion is a balanced force which can withstand any difficult situation both in offensive defensive, as well as in special operations against the enemy

Q-62)

Give any five items required for cleaning of INSAS refill?

- ❖ Oil bottle with oil.
- ❖ Brush Cleaning bore.
- ❖ Brush cleaning chamber.
- ❖ Pull through
- ❖ Road cleaning barrel.

Qno: 63

- (a) The first Recipient of Param Vir Chakra is **Major Somnath Sharma**.
- (b) **Field Marshal Kodandera Madappa Cariappa** was the first Chief of Army staff.
- (c) Kargil Vijay Diwas is celebrated every year on **26 July**.
- (d) First Field marshal of India **Field Marshal Sam manekshaw**.
- (e) Full form of LOC is **Line of Control**.
- (f) PVC medal was designed by **Savitri Khanolkar**.

Q-64)

Write short note about FM KM Cariappa.?

Cariappa took part in the re-organisation of the armed forces in many foreign countries. He was awarded the Legion of Merit in the degree of Chief Commander by the American President Harry S. Truman. Cariappa also tried his luck in politics after a lot of persuasion from his friends and admirers.

Q-65)

Name the soldiers who have received param vir chakra during kargil .?

- ❖ Subedar Major Bana Singh
- ❖ Subedar Sanjay Kumar
- ❖ Subedar Yogendra Singh Yadav, are

the only living recipients of the award. This along with the *, indicates that the Param Vir Chakra was awarded posthumously.

Qno:66

Write down principles of radio telephony procedure?

Security over radio is an important issue in defence forces hence there is a need to adopt these procedures and follow certain golden rules.

- (a) Think before you speak. (b) Use correct procedure.
- (c) Avoid use of jargon. (d) Use official codes only.
- (e) Substitute clear names by code signs. (f) Be brief

Qno:67

State the advantages and dis advantages of optical fibre communication system?

- ❖ *Advantages of Fibre Optic Cable
- ❖ Greater Bandwidth
- ❖ Longer Distances
- ❖ Thin & Lightweight
- ❖ Superior Carrying Capacity
- ❖ Less Interference
- ❖ High-Level SecurityStrong,
- ❖ Reliable & Flexible

***Disadvantages of Fibre Optic Cable**

❖ Fragility

❖ Splicing

❖ Difficulties Production & Installation Cost Installation & Construction Risk

❖ Fibre Optic Cable Uses *Computer Networking *Telephone *Internet.