

B CERTIFICATE WRITTEN EXAMINATION-2019

COMMON SUBJECT FOR SD BOYS & SW GIRLS (ARMY)

PAPER –I

PART –I DRILL -10MARKS

- I Fill in the blanks (10x1=10)
- a) A visiting dignitary when authorized to given a..... (Guard of honour)
 - b) A word of command consist of pats (cautionary and Executive)
 - c) In piche mur the squad turndegree (180)
 - d) General salute s given to(maj Gen and above)
 - e) The number of steps in TEZCHAL in one minute is(120)
 - f) In SAMIKS HA KRAM (review order) the parade automatically halts after takensteps (14)
 - g) In salami shastra final position the distance of rifle from center of the body is
(3 inches)
 - h) For giving Guard of honour 50 cadet will stand inrows (2)
 - j)is the rise and fall of the voice (inflection)
 - k) While marching word of command 'thum' is give onfoot. (left)

PAPER -II

WEAPON TRAINING -35 MARKS

- I Fill in the blanks (5x2=10)
- a) Full form of LMG is(Light Machine Gun)
 - b) Name the place where Rifle No appears on a rifle (Bolt)
 - c) MPI stands for(Mean point of impact)
 - d) For application firing target is used (1' x 1')
 - e) The cocking handle of LMG is inside of the body of the gun (Right hand)
- II) Write True or False (5x2=10)
- a) 0.22 Rifle has 6 grooves in the barrel (T)
 - b) Pull through is used for cleaning the magazine (F)
 - c) The assembling of rifle is done in the same order as stripping (F)
 - d) 50 yards range is used for firing .22 deluxe rifle (F)
 - e) The effective range of SLR rifle is 300yards (T)



III) Write down any ten part of the SLR Rifle

(10x1=10)

- a) Butt
- b) Magazine
- c) Sling Carrier
- d) Fore Sight Protector
- e) Body Cover
- f) Pistol Grip
- g) Carrying Handle
- h) Barrel
- i) Trigger Guard
- j) Hand Guard
- k) Gas Plug
- l) Ejection Slot

IV) List out the stores required for cleaning of Rifle

(5x1 =5)

- a) Pull Through
- b) Oil Bottle
- c) Rifle Cleaning Brush
- d) Chindi
- e) Chamber cleaning Brush
- f) Screw Driver

PART – III

MISCELLANEOUS(200 MARKS)

A.NCC ORGANISATION (5 MARKS)

I) Fill in the blanks

(5x1=5)

- a) The DG NCC is of the rank of (Lieutenant General)
- b) In the year..... the existing tricolor NCC flag was introduced (1954)
- c) The RDC Camp is inaugurated by the(Vice President of India)
- d) CAWATC stands for(Combined All Wing Annual Training Camp)
- e) The National Cadet Corps had originated from corps (University Training Corps)

B. NATIONAL INTEGRATION AND AWARENESS (30 MARKS)

I Fill in the blanks

(5x3=15)

- a) Mahavir belonged to a princely family in(Vaishali)
- b) The ratio of length of breadth of the National Flag is(3:2)

- c) The playing time of the full version of National Anthem is approximately.....(52sec)
- d) Iron Man of India(Sardar vallabhai patel)
- e)has the longest tenure as the President of India (Dr.Rajendra Prasad)

II. Name the following locations

(10x1=10)

- a) Taj Mahal - Agra
- b) Jalianwala Bagh - Amritsar
- c) Gateway of India - Mumbai
- d) Pink City - Jaipur
- e) Thousand Pillar - AP
- f) NDA - Pune
- g) Lal Kila - New Delhi
- h) Black Pagoda - Orissa
- j) Kanyakumari - Tamilnadu
- k) Periyar - kerala

III. Name the Capitals of the following states

(5x1=5)

- a) Goa - Panaji
- b) Chatisgarh - Raipur
- c) Orissa - Bhubaneshwar
- d) Mizoram - Aiswal
- e) Tripura - Agarthala

C. PERSONALITY DEVELOPMENT & LEADERSHIP (65 MARKS)

I FILL IN THE BLANKS

(5x2=10)

1. There are type of motivation
a) 2 b)5 c)10 d)15
2. To do what is to be done even in the absence of order is known as
a) Initiative b) Sence of humour c) Courage d) Tact
3. By Citizenship a person who applies for citizenship by ful filling certain condition like residence ,marriage , appointment in service etc
a) By Birth b) By Descent c) By Nationalization d) By Registration
4. Democratic leadership is also known as leadership .



- a) Autocratic b) Laissez faire c) Participating d) None of these

5. Discipline teaches at all times.

- (a) Good manners (b) self control (c) Respect (d) Dignity

II STATE TRUE OR FALSE

(5x2=10)

1. It is not to salute the national flag when it is being hosted . (F)
2. Do not enter the mess with a cap or hat on. (T)
3. In civil life when one meets a lady or gentleman out of door it is normal to take of ones hat to her or him (T)
4. The mess is a common home of all officers of a unit (T)
5. When the national anthem is played NCC cadets will stand and salute. (F)

III) Write 10 leadership Traits

(10x2=20)

- a) Alertness
- b) Bearing
- c) Courage
- d) Initiative
- e) Justice
- f) Endurance
- g) Integrity
- h) Loyalty
- J) Tactful
- k) Sense of humour

IV) Write the different ways of acquisition of citizenship (5x1=5)

- a) By Birth
- b) By Descent
- c) By Nationality
- d) By Registration

V) Write about different type of leadership styles

(5x1=5)

- a) Autocratic
- b) Democratic
- c) Laissez Faire

VI) Define Duty and Discipline

(5x1=5)

Duty = To obey god's order as delivered by conscience

Discipline = Obey man's order as issued by rightful authority is discipline



VII) What are the Duties of a good citizen (10x1=10)

- a) He should know his rights and duties
- b) He should be loyal
- c) He should be a patriot
- d) He should obey the rules and regulation of the country
- e) He should have sense of duty , he should do his duty honestly
- f) He should take care and protect the government property
- g) He should have s good character
- h) He should preserve the rich heritage of our composite culture

D.DISASTER MANAGEMENT (15 MARKS)

I) What is essential services (10X1=10)

- a) Electricity
- b) Water supply
- c) Railway
- d) Transport
- e) Sanitary Dept
- f) Postal Dept
- g) Telecom Dept
- h) Oilfields
- j) Hospitals

II) Name the fire fighting equipment (5X1=5)

- a) Fire extinguishers
- b) Stirrup pumps
- c) Buckets
- d) Ghee tins
- e) Fire Beaters
- f) Fire Hooks

E. SOCIAL AWARENESS & COMMUNITY DEVELOPMENT (30 MARKS)

- I) What are the social service activities under taken by NCC cadets (10x1=10)
- a) Education
 - b) Family welfare ,Medial care, Family Planning and Nutrition
 - c) Provision of water and cooking fuel , Roads, Electricity and Sanitation
 - d) Old age support systems
 - e) Employment
 - f) Social assistance , Social Security , care & protection
 - g) Housing and rehabilitation
 - h) Recreation ,Sports and Social activities
- II) How does HIV/ AIDS spreads (5x1=5)
- a) Sexual transmission
 - b) Blood transmission
 - c) Sharing needles and syringes for intravenous drug use
 - d) Mother to child transmission during pregnancy ,delivery or breastfeeding
- III) Name the types of Cancer (5x1=5)
- a) Lung cancer
 - b) Breast cancer
 - c) Skin cancer
 - d) Blood cancer
- IV) What are the reasons for population problem in India (5x1=5)
- a) High growth rate to high birth rate
 - b) Early marriage of girls
 - c) Illiteracy and poor standards of living
 - d) Lack of knowledge about over population
 - e) Traditions customs and belief of various religions
- VII) Name any 5 organs of human body that can be donated (5x1=5)
- a) Kidney
 - b) Eyes
 - c) Bone marrow
 - d) Heart donation
 - e) Liver

F) HYGIENE AND SANITATION (26 MARKS)

- I) What are the various methods of purification of water (5x1=5)



- a) Sedimentation
- b) Filtration
- c) Chemical disinfection
- d) Chlorination
- e) Sterilization

II) What you mean by Hygiene and sanitation (5x1=5)

Hygiene refers to cleanliness of a person , Hygiene is science of health that covers all aspect which contributes to healthy living

Sanitation means cleanliness of environment

III) Fill in the blanks (5x2=10)

- a) The blood group which is universal donor is(O Group)
- b) Sunlight produces vitamin(D)
- c) Waste material in the form of urine is removed by(Kidney)
- f) The total number of bones in the human body is(206)
- j) Filariasis is carried by(mosquito)

IV) WRITE TRUE OR FALSE (5x1=5)

- a) Jaundice is not a communicable disease (F)
- b) Deep Trench Latrine is for temporary use (T)
- c) High Temperature destroys the bacteria in the food (T)
- d) Dog suspected to be suffering from rabies and the patient should be kept under observation for at least 15 days (F)
- e) Bite by a scorpion should be treated as snake bite (T)

G) ADVENTURE ACTIVITIES (14 MARKS)

I) Write some adventure activities done by NCC cadets (10x1=10)

- a) Trekking
- b) Rock Climbing
- c) Mountaineering expedition
- d) Para jumping
- e) Para sailing
- f) Glider/ Rafting
- g) Water skking



h) Snow skking

i) Rowing

II) What is the Aim of Adventure activities (5X1=5)

- a) To develop special qualities such as courage self confidence, leadership, spirit of adventure ,sportsmanship ,team work, etc
- b) To make them disciplined
- c) To make them physically and mentally fit to develop the ability to take risks for a given purpose
- d) To develop the ability to take risks

11) ENVIRONMENT AWARENESS & CONSERVATION (10 MARKS)

I) Mention the type of pollution (5x1=5)

- a) Land Pollution
- b) Air pollution
- c) Water Pollution
- d) Sound Pollution

II) Name some endangered species of animals (5x1=5)

- a) Tiger
- b) Lion
- c) Crocodile
- d) Snow Leopard
- e) Rhinos

12) OBSTACLE TRAINNING(05 MARKS)

I) What are different type of obstacles (5x1=5)

- a) Straight balance
- b) Clear jump
- c) Zig Zag Balance
- d) High Wall
- e) Double ditch
- f) Right Hand Walt
- g) Left Hand Walt

PAPER – IV

SPECIAL SUBJECT – (105 MARKS)

A) ARMED FORCES (15 MARKS)

I FILL IN THE BLANKS (5x2=10)



- a) Theof India is the supreme commander of all the armed force of the country (President)
- b) The western naval command HQ is at(Mumbai)
- c)is the youngest of three services (Indian Air Force)
- d) The whole country is divided in toarmy commands (seven)
- e) The Is the head of the Indian Army (Chief of Army staff)

II What are the Supporting Arms (5x1=5)

- a) Arty
- b) Engineers
- c) Army Air Defense
- d) Army Aviation Corps
- e) Signals
- f) Intelligence Corps

B) MAP READING –(25 MARKS)

I FILL IN THE BLANKS

(5x2=10)

- a) Man made features are shown incolour in a map (Black / Red)
- b)is a symbolic representation of features of the ground on the map (Conventional Signs)
- c)is a geographical north which remain unchanged (True North)
- d) Service protractor is inches long andinches wide (6,2)
- e) There are two types of compass .theand thecompass (Liquid ,dry)

II Give the Conventional sign (5x3=15)

- a) Fort
- b) Railway
- c) Temple
- d) Post Office
- e) River

C. FIELD CRAFT AND BATTLE CRAFT(25 MARKS)

- I) Write the various methods for judging distance (5x1=5)
 - a) Section Average Method

- b) Halving Method
 - c) Appearance Method
 - d) Bracketing Method
 - e) Unit of Measure method
 - f) Key Range Method
- II) What are the different method of Crawling by night (5x1=5)
- a) Ghost walk
 - b) Cat walk
 - c) Kitten crawl
- III) Write Four types of ground (5x1=5)
- a) Broken Ground
 - b) Flat and Open Ground
 - C) High Ground
 - d) Dead Ground
- IV) Fill in the blanks (5x2=10)
- a)is the art of making use of article aids to achieve concealment (Camouflage)
 - b) Unit of measure methods is also known asyds method (100)
 - c) A section consistmembers (10)
 - d)is the drill meant to ensure that everyone in the team knows what action he has to taken in the battle (Battle drill)
 - e)is a well concealed and dug in position provided with protection against bombs and shells (Bunker)

D. INF (15 MARKS)

I Fill in the blanks: (2x1=2)

- (a) Number of grooves in the Barrel of Rifle .22 Deluxe are 06
- (b) Red Flag display on the Butt of range indicates that firing is taking place.

II Give parts of a sword bayonet? (1x2=2)

- Ans.
- (a) Wooden handle
 - (b) Sword
 - (c) Bayonet ring
 - (d) Nut catch.

III Mention the sequence for rifle cleaning. (1x3=3)

- Ans.
- (a) Barrel (b) Chamber (c) Bolt (d) Magazine
 - (e) Bayonet (f) Scabbard

IV Answer the following: (2x4=8)

- (a) List of store required for weapon cleaning?
- Ans. (i) Pull through



- (ii) Chindi
- (iii) Chamber Cleaning Rod
- (iv) Rif Oil
- (v) Cleaning Cloth

(b) What are the eight motions in the mechanism of LMG?

Ans. (i) Cock (ii) Load (iii) Lock (iv) Fire (v) Unlock
(vi) Extract (vii) Eject (viii) Feed.

E. MILITARY HISTORY (15 MARKS)

I) Name the Army commands and their location in India (10x1=10)

- a) Eastern command -Kolkata
- b) Western command – Simla
- c) Northern command – Udampur
- d) Southern command – Poona
- e) Central command – Lucknow

II) **Fill in the blanks** (5x1=5)

- a) IMA =Indian Military Academy
- b) LMG = Light Machine Gun
- c) .77 Grenades is used for(To produce smoke)
- d)is the basic weapon of the infantry section (LMG)
- e) The new weapon introduced in the Armed forces in the place of 7.62 mm SLR rifle is(INSAS)

F. COMMUNICATION (10 MARKS)

I) What are the disadvantages of line communication (5x1=5)

- a) Vulnerable to physical interference and enemy interception along the entire length of the route
- b) Take time to construct
- c) Inflexible once it is laid
- d) Expensive in men and material

II) What are the type of communication (5x1=5)

There are two type of communication .

- a) Line Communication
- b) Radio Communication



