

National Cadet Corps (076)

Marking Scheme

Class-X (2025-26)

PART-I: COMMON SUBJECTS (Total Marks: 49)

SECTION-A

Q.1 Choose the correct option: (11x1=11 marks)

- (i) 1) a, b and c only
- (ii) (d) 17
- (iii)(b) Surendranath Banerjee
- (iv)(c) Medical
- (v) a) Both A & R are true and R is the correct explanation of A.
- (vi) 3) a, b, c and d
- (vii) b) 45
- (viii) d) A iii , B i, C iv , D ii
- (ix) b) Both A & R are true but R is not the correct explanation of A.
- (x) 1) a, b and c only
- (xi) (d) 2012

SECTION-B

2. A. These include mountaineering, sailing, para sailing, rafting, trekking, Valley of Flowers expedition, cycle expedition, desert safari, shooting and show jumping activities. (Any four of these) (2)

OR

B. (i) Character. (ii) Comradeship. (iii) Discipline. (iv) Secular Outlook. (v) Spirit of Adventure. (vi) Ideals of selfless service among the youth of the country. (Any four of these) (2)

3. A. Acting as Social Ambassadors- Society frequently undergoes positive and negative changes. NCC cadet has the capacity to impart positive changes in the society based on national unity and patriotism. (2)

Ans.: Factors affecting National Integration are Cultural Aspects, Political Motives, Lack of Education, Communalism, Casteism, Regionalism, Linguistic Fanaticism, Social Disparity, Economic Inequalities, Ethnic Conflicts, Tribal Identity, Corruption and Lack of Character.

(Any four of these) (2)

4. i. Loading must be carried out on order and no action should be taken without proper order.

ii. It must be carried out clearly and in a set sequence.

iii. Fumbling and lack of determination will lead to jamming and delay.

(Any two of these)

(2)

5. a. Length - 43" b. caliber- .22" c. Normal rate of fire- 05 rounds per minute
d. 06 RH (2)

6. Some of the reasons for low literacy rates in India have been inadequate and poor infrastructure in education sector, awareness, caste system, gender bias, poverty and lack of political will etc. The States and the regions which have gone ahead in these fields, the literacy rate has improved, as high as 100 % in states like Kerala, Mizoram etc. (2)

OR

The most common violators of drunk driving are youth between 16-25 Yrs of age followed by truck drivers. People returning from pubs / parties in cities and people returning from after New Year parties or Holi celebrations etc. are also common violators.

7. Self-awareness is the concept that one exists as an individual, separate from other people, with private thoughts. It is a personal understanding of the core of one's own identity. Self-awareness through light on body image the way we perceive. Poor Body Image can be tackled through enhanced self-esteem, building up critical thinking and positive qualities, understanding cultural variation. (2)

8. Civic Sense is that positive sense in an individual which makes him a civilized citizen of a country. It means developing the positive understanding, perception, attitudes towards society or community. With these rights understanding and performing our responsibilities is extremely important, which includes abiding by the law and maintaining proper behavior in public places.

OR

Our youth are the strength of the family, village, locality and the community and they are the future of our nation. Necessary steps need to be taken to mobilize the most idealistic, inspired and energetic section of our society in the mission of Nation Building and Social Welfare. (2)

9. NCC cadets can effectively assist the state system in disaster management, which could take shape in the form of:-

- (a) Traffic Management under supervision.
- (b) Search and Rescue.
- (c) First Aid and evacuation of rescued people.
- (d) Help in setting up and administration of Relief Camps.
- (e) Collection, loading and dispatch of medical aid, material, food and other articles of relief.
- (f) Conduct of cultural and recreational activities for victims to boost their morale at later or rehabilitation stages. (4)

10. A. Words of Command

- (a) Savdhan aur Vishram.
- (b) Dahine Mud ya Baen Mud.
- (c) Piche Mud ya Age Mud.
- (d) Dahine Dekh ya Baen Dekh.
- (e) Tez Chal ya Dhire Chal aur Tham.

- (f) Khuli Line Chal ya Nikat Line Chal.
- (g) Line Ban, Sajja ya Visarjan. (
- h) Dahine Salute, Baen Salute ya Samne Salute.

OR

- B. a. Drill is defined as being instructed in military exercises involving marching, saluting and turning.
- b. There are two types of drill:
- i. Open drill – It is done in field.
 - ii. Closed drill - It is done in parade ground during peace time.
- c. Drill inculcates:
- i. A sense of discipline.
 - ii. Improves bearing.
 - iii. smartness in appearance and turn out.
 - iv. Creates self-confidence.
 - v. Develop the quality of immediate and implicit obedience to orders and teamwork.

(Any four of these)

(4)

11. **Safety Tips for Trekkers.**

- ☐ Before heading for your trekking trip study whether forecast of that area. Avoid trekking in bad weather conditions.
- a. Always carry a raincoat or wind cheater.
- b. Always carry comfortable and spacious rucksack.
- c. Must carry all the required equipment's and essential things by trekkers
- d. Cycling expedition normally refers for cycling for long distance. It brings feeling of adventure as well as travelling to new places. It is reasonably affordable and can be organized in a limited budget and equipments.

OR

- (a) Always Check Harnesses
- (b) Always Check Knots
- (c) Always Wear a Helmet.
- (d) Always Check the Rope and Belay Device.
- (e) Always Use a Long Rope.
- (f) Always Bring Enough Gear.
- (g) Always Climb With the Rope Over Your Leg.
- (h) Always Properly Clip the Rope.
- (i) Always Use Safe Anchors.

(4)

Ans-12: Alertness

- (b) Bearing.
- (c) Courage.
- (d) Decisiveness.
- (e) Dependability
- (f) Endurance.
- (g) Enthusiasm.
- (h) Initiative.
- (j) Integrity.
- (k) Judgment.
- (l) Justice

- (m) Knowledge.
- (n) Loyalty.
- (o) Sense of Humour.

Some other important leadership traits are listed below:-

- (a) Truthfulness. –
- (b) Team spirit –
- (c) Patience -
- (d) Self-confidence -
- (e) Maturity -
- (f) Humility

SECTION-C (Case Based)

13 a. The word ecology was coined from the Greek word 'Oikos' which means home.

b. i. The destruction of our forests has led to the disturbance of the delicate balance in the entire ecosystem.

- ii. It has given rise to grave risks for the very survival of life on earth.
(any one of these)

- 14 .
- A. b. To preserve and improve health
 - B. (c) To understand health hazards and care for themselves better
 - C. (c) All aspects of an individual's health
 - D. c) Scientific requirements
 - E. (b) The individual
 - F. (a) Perfect physical, mental, and social health

PART-II: SPECIAL SUBJECTS (ARMY WING)

{Total Marks: 21}

SECTION-D

15 Choose

- (i) b) Paramvir Chakra
- (ii) d) 180
- (iii) c) Map
- (iv) d) Broken
- (v) a) Both A & R are true and R is the correct explanation of A.

SECTION-E

16. Age: 16 and $\frac{1}{2}$ to 19 and $\frac{1}{2}$

Education: 10+2 pass or appearing

OR

The role of Signals is to provide radio, radio relay and line communication and establish signal centre during war and peace. It also monitors enemy's communication systems.

17. Conventional signs are symbols used to represent certain artificial or natural features/objects on the map. They are seldom drawn to scale.

18. The point towards which the needle of the compass swings is known as Magnetic North and the difference between True North and Magnetic North is called magnetic variation.

19.1. (a) Reliable and practically free from electrical interference.

(b) Relatively secure.

(c) Number of circuits and message carrying capacity is more but limited only by availability of material and manpower.

OR

(a) Is inherently insecure and susceptible to enemy interception which necessitates the use of codes and ciphers with a consequent delay in clearing traffic and overall increase in operating personnel.

(b) Net radio being inherently insecure demands a considerable degree of security consciousness on the part of the users. This means adherence to standard procedure and security codes.

20. A. Field Craft is an important aspect of military training. It is the art of using the ground and the weapon to the best of one's own advantage.

Field Craft includes the following subjects: -

(a) Recognition and description of targets.

(b) Personal camouflage and concealment

(c) Judging distance

d) Movement with and without arms.

OR

Battle craft is set of drills (pre-rehearsed procedure/actions) which are used for conduct of small tactical operations generally at section/platoon level. These drills save time avoid confusion and are carried out with minimum orders.

Battle Craft includes the following subjects: -

(a) Field Signals.

(b) Fire and move.

(c) Section Formations.

(d) Section battle drills.

SECTION-F

Q. 21: 1. d) 1974

- 2. c) Yeh Dil Maange More
- 3. a) Point 4875 and Point 5140
- 4. b) While saving a fellow soldier

PART-II: SPECIAL SUBJECTS (NAVY)

{Total Marks: 21}

- 15.** (i) a) Colonel
- (ii) c) Coir
- (iii) b) By making 'U' and arms waved up and down
- (iv) d) VIP Model
- (v) a) Both A & R are true and R is the correct explanation of A.

Section-E

16. Various essentials in a pulling boat

Boat Plug, Oars, Crutches, Stretches, Rudder, Tiller or Yoke, Painter, Towing Bollard, Life Jackets and other Special Gear. (Any four)

OR

Parts of Oar-Copper bands, leather, grip, blade, shaft and loom. (Any four)

17 4th Circle: T, U, Y (Rt hand at C position)

18. (a) Number of chart (b) Title of the chart (c) Survey data (d) A source data diagram (e) Date of publication (f) New edition (g) Date of printing (h) Chart dimension (i) Scale of the chart (j) Abbreviations & symbol (k) Heights (l) Drying heights (m) Tidal stream information. (Any four)

19. Age limit- 19 -22

Educational qualification- B.Sc. (Physics & Maths) or BE

OR

Anyone can join Navy as sailor through these modes

Sailor Entry. (i) Artificer Entry (ii) Non-Artificer Entry (iii) Sports Entry

20. (a) Measuring and Testing Tools. Tape, Chain Measure, Foot Rule, Tri Square, Sliding Level, Marking Gauge and Compass etc.

(b) Planes. Jack Plane, Smoothing Plane, Compass Plane, And Adjustable Compass Plane and Spoke Shave etc. (c) Chisels. Gouging Chisel, Mortise Chisel and Flat Chisel of various sizes.

(d) Cutting Tools. Hand Saw, Fret Saw, Hack Saw and various types of Multi Craft Knives.

(e) Boring Tools. Hand Drill, Gimlet and Augur etc.

(f) Vice and Clamps. Bench Vice, Hand Vice and Clamps of various sizes.

(g) Files. Rasp Rough, Rough Flat, Half Round, Round Triangular, Knife Edge, Square and Diamond etc.

(h) Miscellaneous Tools. Hammer, Spanners, Nose pliers, Cutting Pliers, Scissors, Screw Drivers, Set Squares, Soldering Irons and Drill Bits of various sizes etc.

OR

The criteria for marking a particular model would depend on type of model as follows: -

(a) Static

(i) Proximity to the drawing

(ii) Model Dimension to the scale

(iii) Fittings

(iv) Elegance

(b) Stability

(i) Draught and Trim

(ii) List

(iii) Righting Moment

(c) Performance - Power/RC/ Sail model are assessed for operational performance through a straight run and or turning circle.

21-

1. c) IMU

2. c) 4 Years

3. d) Mercantile Marine Department of DG Shipping.

4-C 6 Months

SECTION-D

15

- i) C) 2500 km/hr
- ii) B) Mirage-2000
- iii) C) Deep Penetration Strike Aircraft
- iv) (A) Both assertion and reason are true, and reason is the correct explanation of assertion.
- v) (B) atmosphere

SECTION-E

16. Maps and charts are used for plotting and planning purposes in navigation.

Before execution of navigation sortie, a pilot must thoroughly go through map preparation, distance measurement and other calculations to be able to conclude the sortie accurately.

17. Role- Single Seater Multi Role Combat.

Performance-

- i. Single engine aircraft expected to be supersonic at all altitude.
- ii. Small size will reduce its chances of detection by enemy radars.

(Any one of these or any other relevant point)

18. A. The construction/building of static models is one of the main event in all India level competitions like AIVSC and RDC. In AIVSC, the given static model has to be built in stipulated time and for RDC competition, three different static models have to be built that is fighter, transport and helicopter.

OR

B. Radio control Models

The following are the different types of Control Line model: -

- (a) Radio Control Power (b) Radio Control Glider (c) Radio control Helicopter
- (d) Jet Powered Model

19. A. The conflict began following Pakistan's Operation Gibraltar, which was designed to infiltrate forces into Jammu and Kashmir to participate in insurgency against Indian rule.

OR

B. Pakistan launched Operation Grand Slam on 1 September, invading India's Chamb- Jaurian sector.

20. The four basic elements required in a map are: (a) Areas will be shown correctly. (b) Bearing measurement anywhere on the reduced earth will be identical to the measurement on the earth. (c) Shapes will be correct. (d) Distances will be measured accurately by use of a graduated scale

which is provided at the bottom of each map. The distances are given in (1) \ Kilometers (2) Nautical miles (3) Statute miles.

Q. 21.

- i) Answer: b) Kargil War of 1999
- ii) Answer: c) Securing the Kargil region from enemy infiltration
- iii) Answer: a) Dense fog and high winds
- iv) Answer: c) By neutralizing enemy positions and securing strategic locations