

MARKING SCHEME 2021-22

Class-XII

Subject: National Cadet Corps (076)

IInd Term

Time: 2 Hours

Max Marks: 35

Part: A - Common Subject

Q.No.	EXPECTED ANSWER	Marks Break-up
1	<p>Every nation, with whatever form of government, has certain political, social and economic interests and objectives to achieve overall development, prosperity, progress, nationalism and international recognition.</p> <p>To attain such objectives, certain national interests are pre-requisites: (a) Sovereignty (b) Integrity (c) Unity: (d) Security</p>	1+1
2	<p>Education, Language, Casteism, Communalism, Regionalism</p> <p>OR</p> <p>National unity is extremely essential for social peace and harmony. We can enjoy peace and security, if there is mutual trust and goodwill among all sects. Disruptive tendencies and divisive forces destroy the very fabric of national unity.</p>	1/2x4=2 2
3	<p>(a) Blood donation.</p> <p>(b) Adult literacy.</p> <p>(c) Anti-dowry drive.</p> <p>(d) Anti-leprosy drive.</p> <p>(e) Anti-drug drive.</p> <p>(f) Tree plantation.</p> <p>(g) Environmental programmes. (Any four)</p>	1+1

4	<p>A strong bond between two or more people refers to interpersonal relationship.</p> <p>Attraction between individuals brings them close and eventually results in a strong interpersonal relationship. Communication is said to be the basis of every interpersonal relationship. Infact, effective communication is the key to a healthy and long lasting relationship and if individuals do not, problems are bound to come. Communication plays a pivotal role in strengthening the bonds of friendship among individuals. A relationship loses its charm if individuals do not express and reciprocate their feelings through various modes of communication. A healthy interaction is essential for a healthy relationship.</p> <p>It is not always that an individual needs to talk to express his /her feelings. Feelings can be expressed through non-verbal modes of communication as well. Lack of communication breeds problems in relationships. We tend to assume that others know what we want or how we feel.</p>	1+1+1=3
5	<p>Telephone/Mobile Phone</p> <p>b) Visitors</p> <p>c) Paper</p> <p>d) Lack of Planning:</p> <p>e) Socializing: As far as possible, one must avoid extended tea-breaks, regular social lunch-hours, and chat in the corridors. Better to do it outside of work time.</p> <p>f) Indecision: This is caused by ignorance, fear, or lack of confidence in the facts. Improve fact-finding procedures, and listen to your intuition. If you make decisions quickly, you can save time. Successful people make decisions quickly.</p> <p>g) Television: Can be a huge time-waster.</p> <p>h) Procrastination (Explain any Two)</p> <p>OR</p> <p>Be Yourself</p> <p>Be Responsible</p> <p>Be Open and Approachable</p> <p>Be Attentive</p> <p>Be Polite</p>	<p>1+1+1=3</p> <p>1/2x6=3</p>

	<p>Be Aware</p> <p>Be Cautious</p>	
6	<p>Control over cultivation of opium and all matters relating to narcotic drugs and psychotropic substances are regulated by the Narcotic Drugs and Psychotropic Substances (NDPS) Act and Rules, which provide for:-</p> <p>(a) Punishment of upto 20 years rigorous imprisonment (RI) and fine up to rupees two lakhs for indulging in trafficking of narcotic drugs and psychotropic substances.</p> <p>(b) Death sentence in case of repeat of this offence.</p> <p>(c) Forfeiture of property of smugglers.</p> <p>(d) Regulating of legitimate trade and commerce of NDPS for medicinal and scientific purposes. The Prevention of Illicit Trafficking in Narcotic Drugs and Psychotropic Substances (PITNDPS), provides for the detention of persons indulging in trafficking of narcotic drugs for 1 to 2 years by an executive order.</p>	1x3=3
7	<p>Effects:</p> <p>(a) Skewed sex ratio</p> <p>(b) Female trafficking</p> <p>(c) Increase in rape and assault</p> <p>(d) Population decline (or any other reason which you think better with explanation)</p> <p>OR</p> <p>In India, while driving a motor vehicle, if a person has a Blood Alcohol Level (BAC) exceeding 30 mg of intake per 100 ml of blood detected by a breathalyzer, he or she is booked under 'first offense'.</p> <p>The most common violators by drunken driving have been identified as under:</p> <p>(a) Children between 16-25 years of age.</p> <p>(b) Most truck drivers.</p> <p>© Most people returning from parties in cities.</p> <p>(d) After New Year parties or festival celebrations.</p>	<p>1x3=3</p> <p>1+1/2x4=3</p>
8	(a) Licensing	1/2x6=3

	<p>(b) Established Operators</p> <p>(c) High Winds</p> <p>(d) Visibility</p> <p>(e) Passenger Age and Weight Restrictions</p> <p>(f) Types of Equipment</p> <p>(g) Altitude</p> <p>(h) Ask Questions</p> <p>(i) Release Form (or any other safety precaution with detail) (any six)</p>	
9	<p>Types of Style (one mark)</p> <p>a) Aggressive</p> <p>b) Passive</p> <p>c) Assertive</p> <p>(Explanation of each consists 1 mark each)</p>	1+3=4
	<p>Specialized Subjects</p> <p>a) ARMY</p>	
10	<p><i>Alertness, Courage and Decisiveness(1 mark for each explanation)</i></p> <p>OR</p> <p>The study of military history is important in knowing the causes, social and cultural foundations of war, how military doctrine, logistics, leadership, technology and strategy have been used on each side, and how these have changed over time.</p>	<p>1+1=2</p> <p>2</p>
11	<p>Portable/Light in weight, operation easy, 128 channels can be operated, Can select required zone, Option of selecting call facilities (Any four points)</p>	1/2x4=2
12	<p>An individual should be able to judge distance accurately with his eyes so that the individual can decide on the following:-</p> <p>(a) Know when to open fire.</p> <p>(b) Know which weapon to be used.</p> <p>(c) Can indicate targets to other men in his section</p>	1x3=3

	<p>(d) Pass back accurate information when acting as an observer.</p> <p>(with explanation)</p> <p>OR</p> <p>Distances are overestimated when:-</p> <p>(i) Light is bad.</p> <p>(ii) The sun is in the observer's eye.</p> <p>(iii) The object is small in relation to its surroundings.</p> <p>(iv) Looking through a valley of narrow lane e.g. street.</p> <p>(v) Lying down.</p> <p>(vi) Looking from top to bottom</p>	1/2x6=3
13	<p>Field signals are alternate means of giving orders and control troops when voice control is not possible like.</p> <p>Battle Noises.</p> <p>Need for silence.</p> <p>Intervening distances are too large.</p> <p>(Explain points)</p>	1x3=3
	<p>Specialized Subjects</p> <p>b) NAVY</p>	
10	<p>Hold Water. This is the order to reduce or stop the way of the boat by holding the oars at right angles to the boat and with their blades in water.</p> <p>Precautions while Pulling. Following is to be ensured during boat pulling: -</p> <p>(a) Ensure the boat is clear of water.</p> <p>(b) Adequate number of oars & crutches are boarded along with spare.</p> <p>(c) Life jacket is worn by all crew.</p> <p>(d) Check the boat plug is installed.</p> <p>(e) First aid kit is available.</p> <p>(f) Availability of loud hailer, drinking water, sufficient ropes, bailer, anchor, life</p>	1+1=2

Types of Compass. Magnetic compass and Gyrocompass.

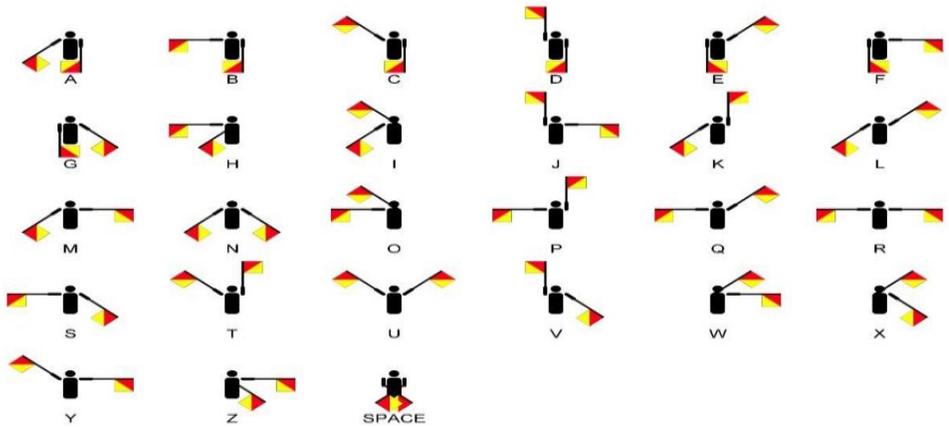
(a) Magnetic compass. It is a magnet freely suspended in a horizontal plane which settles with one end pointing approximately to the true north. The reading obtained does not give us the true north due to various external factors such as earth's magnetism and ships magnetic property. The north direction obtained is called the Compass North.

(b) Gyro Compass. This instrument is a rapidly spinning wheel or gyroscope, the axis of which is made to point along the meridian towards true north. Courses and bearings, which are measured using a gyrocompass, are true provided there is no error in the compass. It is measured clockwise from 000 to 360.

13

Semaphore. Semaphore is a method of communication when within visual range and where radio or vocal communication is inappropriate. It is carried out with the help of two flags and arms outstretched. Semaphore symbols are as given below.

1+1+1= 3



OR

Phonetic Alphabets. When the letters of the alphabet are read out it will be observed that some of them sound very similar especially on radio telephone. This can cause confusion when important messages are being passed. In order to eliminate the ambiguity phonetic alphabets are used so as to ensure clarity and exactness of messages.

3. The Phonetic alphabets are given below.

- A– Alfa J -Juliet S - Sierra
- B– Bravo K – Kilo T - Tango
- C– Charlie L –Lima U -Uniform
- D - Delta M – Mike V - Victor

	<p>E – Echo N – November W - Whiskey</p> <p>F - Foxtrot O – Oscar X – X ray</p> <p>G - Golf P – Papa Y - Yankee</p> <p>H – Hotel Q – Quebec Z - Zulu</p> <p>I – India R – Romeo</p>	
	Specialized Subject C) Air Force	
10	<p>The types of Aero-models are : (any two)</p> <p>(a) Static models</p> <p>(b) Control line models</p> <p>(c) Radio Control (RC) models</p> <p>(d) Gliders</p> <p style="text-align: center;">OR</p> <p>The following are the general safety code to be followed:- (any two)</p> <p>(a) Not to fly model aircraft in competition or the presence of spectators until it has been proven to be airworthy by having been previously successfully flight-tested.</p> <p>(b) Not to fly model aircraft higher than approximately 400 feet within 3 miles of an airport without notifying the airport operator.</p> <p>(c) Give right of way to, and avoid flying in the proximity of full-scale aircraft. Where necessary an observer shall be utilized to supervise flying to avoid having models fly in the proximity of full-scale aircraft.</p> <p>(d) Where established, abide by the safety rules for the flying site and willfully and deliberately not to fly my models in a careless, reckless, and/or dangerous manner.</p>	<p>1+1=2</p> <p>1+1= 2</p>
11	<p>Radar is an object detection system that uses radio waves to determine the range, altitude, direction, or speed of objects. It can be used to detect aircraft, ships, spacecraft, guided missiles, motor vehicles, weather formations, and terrain.</p> <p>In aviation, aircraft are equipped with radar devices that warn of obstacles in or approaching their path and give accurate altitude readings.</p>	1+1= 2
12	a) Operation Safed Sagar was the codename assigned to the Indian Air	1+1+1= 3

