SAMPLE PAPER
NATIONAL CADET CORPS
CLASS XII – 2019-20

Time Allowed: 3 Hours   **Maximum Marks: 70**

General Instructions:

1) The question paper consists of two sections (Common Section & Special Section)
2) 'Common Section' is compulsory for the students of all the three wings.
3) 'Special Section' shall be attempted as per the chosen wing
4) Under Common Section, 01to 13 are one word/line answer questions; fill-in the blank and multiple choice questions
5) The answer to 02 marks questions should not exceed 50 words
6) The answer to 03 marks questions should not exceed 100 words
7) The answer to 04 marks questions should not exceed 150 words
8) The answer to 06 marks questions should not exceed 250 words

Question	COMMON SECTION	49 Marks
1.	When was Cabinet Mission sent to India	1
2.	When the short trail is normally carried out?	1
3.	How many steps are there per minute in 'Tez Chal' or quick march for girl cadets?	1
4.	What is the angle formed between the toes in Savadhan position?	1
5.	Mention any one Directive Principle of the State Policy.	1
6.	If a cadet has to turn to right then at what angle he/she will turn?	1
7.	An old Chinese proverb says "An inch of ------ cannot buy an inch of ---------	1
8.	Operation ---------- was carried out in Siachen Glacier in 1984.	1
9.	Civil Defence was first established in India on 24 October a. 1942 b. 1941 c. 1945 d. 1943	1
10.	National Disaster Management Authority (NDMA) is headed by a. Home Minister b. President c. Prime Minister d. Defence Minister	1
11.	What is the full form of NDRF? a. National Disaster Reaction Force b. National Disaster Rescue Force c. National Disaster Response Force d. National Disaster Redeem Force	1
12.	Renewable resources cannot be replenished naturally (True/False)	1
13.	The sound pollution is caused by increase in ultrasonic and electromagnetic sound waves from mobile towers. (True/False)	1
14.	a) Identify the movement led by Mahatama Gandhi and launched in the Congress Session of December 1929? b) What was the aim of this movement? c) What was decided during this movement? **OR** Write about any three threats for all round integration of our nation?	3

15.	What types of targets are used by girl cadets?	3
16.	Mention any three must haves in an interpersonal relationship	3
17.	Write about any three time wasters	3
18.	Provide the following information with regard to characteristics of 7.62 mm SLR a. Calibre b. Weight of rifle c. Normal rate of fire d. Effective range	4
19.	What points should be borne in mind while assembling the bolt of .22 Deluxe rifles?	4
20.	In India, the no of girls per 1000 boys is declining with each passing decade. From 962 per every 1000 boys in the year 1981, the sex ratio has plummeted to an all time low of only 914 girls for every 1000 boys in 2011. On the basis of the above information suggest any four measures to prevent female foeticide.	4
21.	Cadet Ramesh is a Parade Commander for Ceremonial Parade to be done in honour of the Chief Minister of Delhi. What procedure will he follow for this ceremonial parade	6
22.	Mr. Shyam Prasad is the member of Para-sail Safety Council. What safety tips will he give to the cadets going for Para-sailing **OR** What is webbing with regard to rock climbing? What are its uses?	6
	SPECIAL SECTION -ARMY	**21 marks**
23.	How many Divisions does The Corps Head Quarters handles?	1
24.	What is 'radio telephony'?	1
25.	Write any two differences between Code Sign and Link Sign.	2
26.	Make a list of any 4 parts of prismatic compass.	2
27.	Write any two relevant points related to Armour.	2
28.	With regard to 5.56 INSAS rifle provide the following information : a. Calibre b. Normal Rate of fire c. Muzzle velocity **OR** Give a list of any six items required for cleaning of 5.56 INSAS rifle.	3
29.	Draw the following conventional signs: a. Embankment b. Camping ground c. River beds-dry d. Well-lined e. Telegraph line f. Travellers Bunglow	3(1/2 mk each)
30.	''Study of Military History is A Must for Political and Military Commanders.'' Explain the statement with the help of suitable examples.(Any three)	3
31.	Explain the types of ground.	4
	SPECIAL SECTION –NAVY	**21 marks**
23.	Give a list any two swimming gears used by a swimmer	1
24.	In which year The Air Craft carrier INS Vikrant was commissioned in Indian Navy?	1
25.	Write about two responsibilities of Chief Of Personnel(COP)	2
26.	Mention any four parts of cable	2

27.	Explain the following terms related to sailing: a. To luff b. In irons	2
28.	What is a fleet? What are two types of fleets?	3
29.	Define the following: a. True North b. Gyro North c. Variation **OR** Give a list of any six types of charts by navigators.	3
30.	Which Pro-signs are used for the following: a. Slant b. More to follow c. Word after d. Comma e. Hyphen f. Open bracket	3
31.	a. Define the cooling and starving principles of fire fighting. b. What types of joints are generally used in carpentry? Mention any four of them. **OR** a. Give a list of any four general leak stopping devices. b. Give a list of any four power tools used for ship modelling.	2+2=4 2+2=4
	SPECIAL SECTION –AIR FORCE	**21 marks**
23.	Which air command is responsible for air operations in most of Rajasthan, southwards through Gujarat to Saurashtra and the Kutch area?	1
24.	Name the first Indian to fly into space.	1
25.	With regard to MIG-19 provide the following information: a) Maximum speed and range b) Which country manufactures it?	2
26.	Why is Air Traffic Control Centre established?	2
27.	What do you understand by engine cylinder and spark plug with regard to piston engine?	2
28.	Write about any three forces acting on aircraft	3
29.	In which situations there is requirement of navigation? Mention any one technique used for air navigation **OR** Define the following: a)Equator b) Earth's axis c) Meridian	3
30.	a) Which aircrafts can be prepared as static models? b) Give names of any three types of gliders	3
31.	a) What is the full form of ICAO? b) What are slats? c) Give a list of any two modern uses of radar. **OR** a) What is the full form of WMO? b) What is landing gear? c) Write any two points related to altimeter.	4(1+1+2) 4(1+1+2)