

Class XII
National Corps Cadet (001)
Sample Question Paper 2018-19

Time allowed: 3 Hours

Max. Marks: 70

General Instructions:

- (i) Do not write anything on the question paper.
(ii) Part I is compulsory for all. In Part II answer only the part as per your chosen wing.
 (a) Common Subject- 18 Questions 49 marks
 (b) Special Subject 09 Questions 21 marks
(iii) There is no overall choice in the paper. However there is no negative marking.
(iv) Use of calculators/electronic gadgetry/mobiles etc is not permitted.
Do not write personal details in the paper.

Part – I Common Subject
((Total Questions- 18 and Maximum Marks 49))

1.	In which year the Partition of Bengal was annulled?	1
2.	How many articles of the Constitution deals with the Directive Principles of the State Policy?	1
3.	What is the strength of Guard of Honour for the Vice-President and Prime Minister?	1
4.	Write about any two techniques that can be tried by you if a visitor overstays their time.	2
5.	Mention any two reasons of soil pollution.	2
6.	“Give me blood and I shall give you freedom”. i) Who gave this slogan? ii) From where was he coming when his aeroplane met with an accident? iii) Why did he give this slogan?	3
7.	Provide the following information with regard to 5.6mm INSAS Rifle: i) Calibre ii) Principle of Operation iii) Normal rate of fire	3
8.	What are the two prescribed formations of the platoon? How are the squads of a platoon numbered when a platoon forms in a line?	3
9.	What are the three elements that are essential for creation of fire and its continuation?	3
10.	What points should be observed in Continuous Snap Shooting?(Any 4)	4
11.	What are depressants? Give names of any three depressants.	4
12.	In case of the injuries to the internal organs what first aid treatment should be given?	4

13.	Explain the procedure of posting and relieving of senteries in detail	6
14.	What are the internal negative aspects that are under our control and that we can to improve with regard to our weakness?	6
15.	What are the rock climbing techniques? Write in detail about any six of them.	6
Special Subjects-Army		
16.	Which invention revolutionised the world of communication?	1
17.	Write one purpose of grid lines.	1
18.	Give names of any four types of maps.	2
19.	Draw the following conventional signs: i) Dry river beds ii) telegraph office iii) church iv) international boundary	2
20.	What is the full form of FAX? Mention any one advantages of this type of message system.	2
21.	Where are the Headquarters of the following commands located? i) Central Command ii) Southern Command iii) Army Training Command	3
22.	With regard to 5.56 INSAS rifle provide the following information : i) Who makes it? ii) Who uses it? iii) What is its intense rate of fire?	3
23.	Name the India's highest Military decoration awarded for highest degree of valour or sacrifice in the presence of enemy. Give the names of any two recipients of this award.	3
24.	What are the basic considerations for fire and movement?	4
Special Subject-Navy		
16.	How does floating helps in case of emergency?	1
17.	What is the use of 'anchor' and 'cable'? State the factor on which the size and type of 'anchor' and 'cable' depends.	2
18.	State any two precautions to be taken while pulling boat.	2
19.	Why should searchers must operate in pairs as a part of search party? (Any 2)	2
21.	What is 'ship modelling'? Mention any two skills that it instills in cadets.	2
22.	What does NHQ stands for? Where is it located and who controls its functioning?	3
23.	Identify and explain the type of system for detection of the submerged objects using sound pulses from the excerpt given below; i. In this type, ripple beams are formed to search the 360 deg arc around the platform. ii. This type uses the convergent zones which may exist in certain waters to enhance the detection range.	3
24.	Explain the duties of various communication sub departments.	3

Special Subjects -Air Force

16.	Who won THE AGA KHAN TROPHY for being the first Indian to fly solo from England to India in a Gypsy Moth?	1
17.	To which country is the 'Intercosmos Space Programme' related?	1
18.	Give the full form of WMO.	1
19.	What are the two basic Aircraft controls?	1
20.	Draw the following diagrams ; i. Mid wing ii. Shoulder wing	2
21.	State any two ways in which 'airmanship' helps pilots?	2
22.	Enlist any four operating phases for an aero-engine.	2
23.	What is 'static pressure'? Which instrument is used to measure atmospheric pressure?	2
24.	Explain the following terms: i. Energy ii. Momentum of a force iii. Acceleration	3
25.	What is 'air navigation'? How does it differs from 'surface navigation'?	3
26.	Construction plans are provided normally with all model kits. How do these help in construction of static models?	3