

## SAMPLE QUESTION PAPER 2017-18

## CLASS XII

## NATIONAL CADET CORPS

Max marks : 49 marks Common Syllabus

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21 marks Special Subject

Duration: 3 hours

## COMMON SYLLABUS

Q. no	Question	Unit	Marks
1.	What is 'Sajna'(dressing)in drill with arms?	2	1
2.	What is radio-active waste?	9	1
3.	What is the ill-effect of high sulphur di oxide content in air on our health?	9	1
4.	Write any 2 Directive Principles of State Policy	1	2
5.	What is the need of etiquettes in a society? (Any 2)	4	2
6.	After a series of events, including the Jallianwala Bagh, it was realized that there was no prospect of getting fair treatment at the hands of British , so it was planned to withdraw the nation's cooperation from the British government . a) Identify the movement. b) Under whose leadership this movement was started? c) What was the outcome of this movement?	1	3
7.	What are the 3 fundamentals of side pace?	2	3
8.	Weapon training is a very important component of NCC program. Explain giving 3 relevant points.	3	3
9.	Explain the role of NCC carcass disposal groups at the time of any natural or manmade calamity.	5	3
10.	State the laws of aiming.	3	4
11.	Apart from boiling & filtration explain any 4 ways of water purification.	7	4
12.	From 962 for every 1000 boys in the year 1981 , the sex ratio has decreased to an all time low of only 914 girls for 1000 boys in 2011. a) Identify & explain the cause of dropping sex- ratio in the given period. b) Explain any three effects of the given situation	6	4
13.	What is self- awareness ? Explain any 5 dimensions of self- awareness.	2	6

14.	What procedure is followed by the Guard Mounting NCO with regard to the inspection of the Guard?	4	6
15.	State the objective of 'obstacle training' for an NCC Cadet. Enlist the safety measures to be followed during this course. What are the benefits of obstacle training course for a cadet?	8	6

### Special Subjects

#### A. Army

Q.no.	Question	Unit	Marks
1.	What is a contour?	2	1
2.	What is a modem?	6	1
3.	Write about any two methods used in finding north?	2	2
4.	Write about any two uses of service protector?	2	2
5.	Mention about any four facilities that videophone provide?	6	2
6.	Write about any three characteristics of Infantry.	1	3
7.	With regard to 5.56MM INSAS rifle provide the following information: (i) Length of rifle with bayonet. (ii) Effective range (iii) Muzzle velocity (iv) Principal of operation (v) Mode of fire (vi) Normal rate of fire	4	3
8.	Why is the study of military history is a must for political & military commanders? (Any three points)	5	3
9.	What are the factors that help in the recognition of an object?(Any four)	3	4

#### B. Navy

Q.no.	Question	Unit	Marks
1.	How do we judge the correctness of the Sailing models?	8	1
2.	Why is the knowledge of swimming necessary for a naval cadet?	9	1
3.	Mention the parts of sail.	5	2
4.	Explain the following terms: (a) Reaching (b) Sailing free	6	2
5.	Write about any two types of fire fighting extinguishers used in navy.	7	2
6.	Explain the system of watches on a naval ship.	1	3
7.	What is the role of submarines?	2	3
8.	What is a prosign? Mention any 4 prosigns which are used in Semaphore?	3	3

9	(a) What is the full form of RADAR? Mention about any two types of radars used in navy. (b) Mention any 4 fittings we generally find in a ship.	4,8	4
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### C. Air Force

Q.no.	Question	Unit	Marks
1.	Who were known as Hawai Sepoys?	1	1
2.	Name the President who proclaimed a national emergency under Article 353 of the Indian Constitution in 1971?	2	1
3.	What are the special features of Light Combat Aircraft(LCA)	3	2
4.	What is the purpose of Air Traffic Control Services?(Any 2)	5	2
5.	How many types of aero engines are in use? Explain any one of them.	8	2
6.	Define the following: (a) Chord length (b) Drag (c) Angle of incidence	4	3
7.	What are the three basic elements required in a map? Explain	6	3
8.	What safety code will be followed by a cadet with regard to Radio control?	11	3
9.	(a) What is unique about Ionosphere? (b) What is a fuselage? (c) What is a radar? Write about any two basic parts of a radar.	7,9,10	4