SAMPLE QUESTION PAPER

Military Studies (374)

Time: 3 hrs Maximum Marks: 100

Note:

- i. This question paper consists of 54 questions in all.
- ii. All questions are compulsory.
- iii. Marks are given against each question.

iv. Section A consists of

- a. **Q.No. 1 to 20** Multiple Choice type questions (MCQs) carrying 1 mark each. Select and write the most appropriate option out of the four options given in each of these questions. An internal choice has been provided in some of these questions. You have to attempt only **one** of the given choices in such questions.
- b. **Q.No. 21 to 35** Objective type questions. **Q.No. 21 to 35** carrying 02 marks each (with 2 sub-parts of 1 mark each) and Attempt these questions as per the instructions given for each of the questions 21 35.

v. Section B consists of

- a. **Q.No. 36 to 48** Very Short questions carrying 02 marks each to be answered in the range of 30 to 50 words.
- b. **Q.No. 49 to 52** Short Answer type questions carrying 03 marks each to be answered in the range of 50 to 80 words.
- c. **Q.No. 53 to 54** Long Answer type questions carrying 06 marks each to be answered in the range of 80 to 120 words.

Section A

S.N	Question	Marks
1.	A. What is taught to a soldier during training?	1
	a. Ethics of War fighting	
	b. Proficient use of Weapons	
	c. Discipline	
	d. All of the above	

5.	A. Which one of the following was a weapon for soldiers in Ancient	1
	time?	
	a. Gun	
	b. Bow and Arrow c. Pistol	
	c. Pistol d. None of these	
	Or	
	OI .	
	B. Which one of the following is not associated with a soldier?	
	a. Professionalism	
	b. Proficient in the use of weapons	
	c. Learning about weapons and continuously practice	
	d. Not prepared for war at all the times	1
6.	A. Which of the following helps in providing essential items during a	1
	battle?	
	a. Maps	
	b. Logistics	
	c. Leadership	
	d. None of the above	
	Or	
	B. Employing different strategies and tactics to win a war is called	
	a. National Security	
	b. Study of Military organisation	
	c. Art of Warfare	
	d. None of the above	
7.	Which of the following helps in making defences, forts and creating	1
	obstacles for the enemy during a battle?	
	a. Maps	
	b. Logistics	
	c. Leadership	
	d. Terrain	
8.	Which of the following helps deploying army units to manoeuvre to a	1
0.	position of advantage in battle?	1
	a. Maps	
	b. Logistics	
	c. Leadership	
	d. Tactics	
9.	Which of the following helps in navigating and moving from one place to	1
) J.	another?	1
	a. Maps	
	b. Logistics	
	c. Leadership	
	_	
	d. None of the above	

10.	Military studies include	1
	a. Military organisation	
	b. National security	
	c. Art of warfare	
	d. All of the above	
4.4		
11.	."A Warrior (Kshatriya) in armour must not fight with one who is not	1
	wearing armour". It is an example of	
	a. National security	
	b. Logistics	
	c. Ethics of war fightingd. None of the above	
12.	Military Studies is also known as	1
14.	a. Military Science	1
	b. War and National security Studies	
	c. Both of above	
10	d. None of the above	1
13.	In a, the political leaders direct the armed forces to prepare and	1
	go for war.	
	a. Democracy	
	b. Martial rule	
	c. Both of above	
	d. None of above	
14.	Which geographical factors impact strategy?	1
,	a. Land	
	b. Demography	
	c. Natural Resources	
	d. All of above	
15.	A. Which state has the longest coast in the western part of India?	1
	a. Odisha	
	b. Gujarat	
	c. Maharashtra	
	d. Andhra Pradesh	
	On.	
	Or	
	B. Cambhay, Ankleshwar and Kobal are located in	
	a. Assam	
	b. Punjab	
	c. Gujarat	
	d. Uttar Pradesh	
	2. 2 2 2	

16.	A. Choose the principal source of power in India.	1
	a. Hydroelectric power	
	b. Coal	
	c. Petroleum	
	d. Atomic power	
	Or	
	B. Which of the following is not a Himalayan River	
	a. Ganges	
	b. Krishna	
	c. Indus	
	d. Brahmputra	
17.	Which of the following war is termed as Total War	1
	a. Modern War	
	b. Ancient War	
	c. Medieval War	
	d. None of the above	
18.	Which of the following is a Naval Destroyer	1
	a. INS Kochi	
	b. INS Viraat	
	c. INS Vikrant	
	d. None of the above	
19		1
	A. Mig 29 K is a	
	a. Fighter Aircraft	
	b. Missile	
	c. Fighter Helicopter	
	d. Submarine	
	Or	
	B. Barak is the name of	
	a. Fighter Aircraft	
	b. Missile	
	c. Fighter Helicopter	
	d. Submarine	

	A. Which one of the agricultural crops is not a commercial crop?		
	a.	Sugarcane	
	b.	Jute	
	c.	Cotton	
	d.	Rice	
		Or	
	B. In v	which of the following states Chromite is found?	
	a.	Punjab	
	b.	Haryana	
	c.	Karnataka	
	d.	Meghalaya	
21.	Match	the Following	1x2
	I.	Dragunov a. Sniper Rifle	
	II.	MBT Arjun b. Engineers	
		, c	
		c. Tank	
22.	A.	The chemical reaction in which a pair of lightunites	1x2
		together to form a nucleus of a heavier atom is called	
		reaction.	
		Or	
	_		
	В.	The chemical reaction, which causes the to split into	
	В.	The chemical reaction, which causes the to split into smaller parts, is known as reaction.	
- 22		smaller parts, is known as reaction.	
23.	Match	smaller parts, is known as reaction. the following	1x2
23.	Match I.	smaller parts, is known as reaction. the following IFV a. Army Air Defence	1x2
23.	Match	smaller parts, is known as reaction. the following	1x2
23.	Match I.	smaller parts, is known as reaction. the following IFV a. Army Air Defence Shilka b. Army Aviation Corp	1x2
	Match I. II.	smaller parts, is known as reaction. the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry	
23.	Match I.	smaller parts, is known as reaction. the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons.	1x2 1x2
	Match I. II.	the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons. chain reaction leads to the release of large amounts of heat	
	Match I. II.	smaller parts, is known as reaction. the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weaponschain reaction leads to the release of large amounts of heat to cause destruction.	
	Match I. II. A. energy	the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons. chain reaction leads to the release of large amounts of heat to cause destruction. Or	
	Match I. II. A. energy	the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons. chain reaction leads to the release of large amounts of heat to cause destruction. Or EMP stands for EMP is a very powerful burst of	
24.	Match I. II. A. energy B.	the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons. chain reaction leads to the release of large amounts of heat to cause destruction. Or EMP stands for EMP is a very powerful burst of broadbandenergy of very short duration.	1x2
	Match I. II. A. energy B.	the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons. chain reaction leads to the release of large amounts of heat to cause destruction. Or EMP stands for EMP is a very powerful burst of broadband energy of very short duration. TREE Stands for Transient Radiation effects on There are	
24.	Match I. II. A. energy B.	the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons. chain reaction leads to the release of large amounts of heat to cause destruction. Or EMP stands for EMP is a very powerful burst of broadband energy of very short duration. TREE Stands for Transient Radiation effects on There are kinds of nuclear reactions.	1x2
24.	Match I. II. A. energy B.	the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons. chain reaction leads to the release of large amounts of heat to cause destruction. Or EMP stands for EMP is a very powerful burst of broadband energy of very short duration. TREE Stands for Transient Radiation effects on There are	1x2
24.	Match I. II. A. energy B.	the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons. chain reaction leads to the release of large amounts of heat to cause destruction. Or EMP stands for EMP is a very powerful burst of broadband energy of very short duration. TREE Stands for Transient Radiation effects on There arekinds of nuclear reactions. Or	1x2
24.	Match I. II. A. energy B.	the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons. chain reaction leads to the release of large amounts of heat to cause destruction. Or EMP stands for EMP is a very powerful burst of broadband energy of very short duration. TREE Stands for Transient Radiation effects on There arekinds of nuclear reactions. Or A burst occurring outside the earth's atmosphere is called an	1x2
24.	Match I. II. A. energy B.	the following IFV a. Army Air Defence Shilka b. Army Aviation Corp c. Mechanised Infantry element is commonly used in nuclear weapons. chain reaction leads to the release of large amounts of heat to cause destruction. Or EMP stands for EMP is a very powerful burst of broadband energy of very short duration. TREE Stands for Transient Radiation effects on There arekinds of nuclear reactions. Or	1x2

26.	Match the following	1x2
	I. Cheetah a. Passenger Aircraft	
	II. Boeing 737-200 b. Missile	
	c. Helicopter	
27.	A isotope of hydrogen is known as heavy	1x2
	hydrogen is the 'Unit of measure' of nuclear radiation. Or	
	B. Below cGys there are no long term effects of radiation	
	sickness for most personnel while above cGys severe	
	incapacitation or even death will take place.	
28.	The shape of Radioactive Cloud which is formed during a nuclear bomb	1x2
	explosion is NBC Stands for Nuclear,	
	and Chemical.	
29.	Match the Following	1x2
2).	I. INS Viraat a. Aircraft	112
	II. Mig 29K b. Aircraft Carrier	
	c. Transport Aircraft	
30.	A. Kerala floods happened in While In 2013, floods happened	1x2
20.	instate of India	
	Or	
	B. Operation Maitri was launched to helpwhen it was severely	
31.	affected by the earthquake in April A. Floods in Chennai took place in, whiledisaster	1x2
	took place in Latur.	
	Or	
	B. NDMA stands for Nationalmanagement	
32.	Match the following	1x2
	I. Gold a. Punjab	
	II. Uranium b. Karnataka	
	c. Jharkhand	
22		
33.	The response teams at the centre are called as At the state level it is called	1x2
	15 Carlota	
34.	Duringit is required to evacuate low lying areas and move to	1x2
	safer places. While, duringit is suggested that fishermen	
	should not venture out in the sea	

35.		1x2
	A. Wardha and Ockhi are names of	
	organisation manages disasters in India.	
	Or	
	B forces are first responders to disasters in India. During,	
	Cyclone, Indian Navy provided supplies to Chennai	

Section B

S.N	Question	Marks
36	A. What is meant by the term "Paramilitary Forces"?	2
	Or	
	B. Write a short note on Indo Tibetan Border Police.	
37	A. Describe any two functions of Sashastra Seema Bal (SSB).	2
	Or	
	B. Describe any two functions of Indian Coast Guard (ICG).	
38	Write any two differences between BSF and CRPF.	2
39	Explain the importance of the Indian Coast Guard.	2
40	Analyse any two features of CoBRA.	2
41	A. Explain any two types of maritime threats.	2
	Or	
	B. Write name of any two major ports of India.	
42	A. Explain the importance of Maritime security for India.	2
	Or	
	B. Name any two major choke points in the Indian Ocean region.	
43	Explain the role of DRDO in modernization of Armed Forces.	2
44	Name any four weapons that are used by the Indian army.	2
45	A. Explain the term "Cyber Warfare".	2
	Or	
	B. Write name of any two Cyber crimes.	
46	A. Explain the role of Cyber weapons in cyber crime.	2
	Or D. W. J. G. J. D. J.	
47	B. Write a short note on National Cyber Policy.	
47	Differentiate between IB and RAW.	2
48	A. Explain the direct role of Indian Armed Forces.	2
	Or D. Write about the atmostrate of the Indian Air Force	
49	B. Write about the structure of the Indian Air Force.	3
49	A. Explain the role of Assam Rifles in India. Or	3
	B. Explain the role of the Central reserve Police force (CRPF) in India.	
	B. Explain the fole of the Central reserve Fonce force (CRPF) in India.	

50	A. Highlight the importance of the "Blue Economy".	3
	Or	
	B. Highlight the strategic importance of Maritime boundaries.	
51	State any three reasons to modernise the Armed Forces in India.	3
52	Highlight any three challenges to the modernization of the Armed Forces in	3
	India.	
53	A. Describe in detail about various types of Cyber Crimes.	6
	Or	
	B. Describe in detail about Cyber penetration and its various remedial	
	measures.	
54	A. Explain the role of N.S.G. in India's Internal Security.	6
	Or	
	B. Write in detail about Indian Intelligence Agencies and their role in	
	India's Internal Security.	

Marking Scheme Section A

S.N	Answer	Marks
1.	(d)All of the above	1
	Or	
	(a) From ancient time	
2.	(d) All of the above	1
	Or	
	(d) All of the above	
3.	(a) For navigation	1
	Or	
	(d) Both of above	
4	(a) All of the above	1
	Or	
	(c) Military leadership	

5	(b) Bow and Arrow	1
	Or	
	(d) Not prepared for war at all the times	
6	(b) Logistics	1
	Or	
	(c) Art of Warfare	
7	(d) Terrain	1
8	(d) Tactics	1
9	(a) Maps	1
10	(d) All of the above	1
11	(c) Ethics of war fighting	1
12	(b) Both of above	1
13	(a) Democracy	1
14	(d) All of above	1
15	(b)Gujarat	1
	Or	
	(c)Gujarat	
16	(b) Coal	1
	Or	
	(b)Krishna	
17	(a) Modern war	1
18	(a) INS Kochi	1
19	(a) Fighter Aircraft Or	1
	(b) Missile	

20	(c) Rice	1
	Or	
	(c) Karnataka	
21	I. Dragunov - a. Sniper Rifle	2
	II. MBT Arjun - c. Tank	
22	Nuclei; Fussion	2
	Or	
	Nucleus; Fission	
23	I. IFV - c. Mechanised Infantry	2
	II. Shilka - a. Army Air Defence	
24	Uranium; Nuclear.	2
	Or	
	Electro-Magnetic Pulse; Radio	
25	Electronics; Two	2
	Or	
	Exo-Atmospheric; Gamma	
26	I. Cheetah - c. Helicopter	2
	II. Boeing 737-200 - a. Passenger Aircraft	
27	Donata iin aa	2
27	Deuterium; grays	2
	Or	
	150; 800	
28	Mushroom; Biological	2
29	I. INS Viraat - b. Aircraft Carrier	2
	II. Mig 29K - a. Aircraft	
·		

30	2018; Earthquake	2
	Or	
	Nepal; 2015.	
31`	2015; Earthquake.	2
	Or	
	Disaster; Authority	
32	I. Gold - b. Karnataka II. Uranium - c. Jharkhand	2
33	NDRF(National disaster relief force); SDRF (State disaster relief force)	2
34	Floods; Cyclone	2
35	Cyclones; NDMA (National Disaster Management Authority)	2
	Or	
	Armed; Wardha .	

Section B

S.N	Question	Marks
36	The term 'paramilitary' forces was used for eight forces: 1. Assam Rifles 2. Special Frontier Force 3. Indian Coast Guard 4. Central Reserve Police Force 5. Border Security Force 6. Indo-Tibetan Border Police 7. Central Industrial Security Force 8. Sashastra Seema Bal. or	2
	ITBP was raised on 24 October 1962, under the CRPF Act, in the wake of the SinoIndian War of 1962. The ITBP was intended for deployment along India's border with China's Tibet Autonomous Region. In September 1996, the Parliament of India enacted the 'Indo-Tibetan Border Police Force Act, 1992' to "provide for the constitution and regulation" of the ITBP "for ensuring the security of the borders of India and for matters connected therewith". The first head of the ITBP, designated Inspector General, was Balbir Singh, a police officer previously belonging to the Intelligence Bureau. The ITBP, which started with 4 battalions, has, since restructuring in 1978 undergone expansion to a force of 56 battalions as of 2017 with a sanctioned strength of 89,432. The ITBP is also trained in disaster management, and nuclear, biological and chemical disasters. ITBP personnel have been deployed abroad in UN peacekeeping missions in Bosnia and Herzegovina, Kosovo, Sierra Leone, Haiti, Western Sahara, Sudan, Afghanistan and elsewhere. Two battalions of ITBP are deputed to National Disaster Response Force. (Any two points)	

37	Preventing cross-border crime and smuggling as well as other anti-national	2
	activities.	
	or	
	The Indian Coast Guard (ICG) protects India's maritime interests and enforces maritime law, with jurisdiction over the territorial waters of India, including its contiguous zone and exclusive economic zone. The Indian Coast Guard was formally established on 18 August 1978 by the Coast Guard Act, 1978 of the Parliament of India as an independent Armed force of India. It operates under the Ministry of Defence. The Coast Guard works in close cooperation with the Indian Navy, the Department of Fisheries, the Department of Revenue (Customs) and the Central and State police forces. Missions of Indian Coast Guard include: 1. Safety and protection of artificial islands, offshore terminals and other installations 2. Protection and assistance to fishermen and mariners at sea 3. Preservation and protection of marine ecology and environment including pollution control 4. Assistance to the Department of Customs and other authorities in anti-smuggling operations 5. Law enforcement in territorial as well as international waters 6. Scientific data collection and support 7. National defence during hostilities	
	(Any two points)	
38	The Border Security Force (BSF) is the primary border guarding force of India. "For ensuring the security of the borders of India and for matters connected there with"	2
	The Central Reserve Police Force (CRPF) is the largest of India's Central	
	Armed Police Forces. The CRPF's primary role lies in assisting the State/Union	
	Territories in police operations to maintain law and order and counter insurgency	
39	The Indian Coast Guard (ICG) protects India's maritime interests and enforces	2
	maritime law, with jurisdiction over the territorial waters of India, including its contiguous zone and exclusive economic zone.	
40	Specifically trained in counter insurgency warfare. This elite fighting unit has been trained to track, hunt and eliminate small Naxalite groups.	2

41	Illegal maritime arrivals/terrorists, Illegal exploitation of natural resources, Illegal activity in protected areas, Marine pollution, Prohibited imports and exports (Smuggling), Compromise to biosecurity, Piracy, robbery or violence at sea, Maritime terrorism. (Any Two)	2
	or	
	The 12 major ports of India are spread throughout the western and eastern coasts of India. These points are - • Chennai • Ennore • JNPT • Kochi • Kolkata • Mangaluru • Mormugao • Mumbai • Paradip • Tutucorin • Vishakapattanam (Any Two)	
42	Maritime trade occupies an important place in India's economy and energy security. Most of India's trade and energy supply pass through the Indian Ocean Region (IOR).	2
	or	
	Some of the major choke points in the Indian ocean region are - • Strait of Horminz • Malacca and Singapore Straits • Sunda Strait • Lombok Strait • Cape of Good Hope • Mozambique Channel • Ombai and Wetar Straits • Bab-el-Mandeb (Any Two)	
43	A good research and development will make the country self sufficient in critical technology.	2
44	Assault Rifles, Light Machine Guns, Carbines	2

45	Cyber warfare has been defined as "actions by a nation-state to penetrate	2
	another nation's computers or networks for the purposes of causing damage or	
	disruption".	
	or	
	In todays world there are as many cyber crimes as man's fertile and imaginative brain can think of Cybercrimes can broadly be categorised as: (a) Fraud and Forgery: This is primarily evident in the field of commerce and economy. (b) Damage to or Modification of Computer Data or Programme: This can be for private sector, public sector or for defence establish, such as ATC & Radar system. (c) Unauthorised Access to Computer System and Surveillance: This is commonly seen in commercial websites, e.g., Phishing, spywares and data spoofing. (d) Unauthorised Reproduction of Computer Programmes: These are the cases of piracy.	
	(Any Two)	
46	Network centric environment there has been a phenomenal growth of internet usage; this has made our cyber space vulnerable to various crimes. Sophisticated computer tools not only for us but also for our adversaries.	2
	(Any two points)	
	or	
	The Cyber Security Policy aims at protection of information infrastructure in cyberspace, reduce vulnerabilities, build capabilities to prevent and respond to cyber threats and minimize damage from cyber incidents. This is achieved through a combination of institutional structures, people, process, technology and cooperation. The objective of this policy is to create a secure cyberspace ecosystem and strengthen the regulatory framework.	
	(Any two points)	
47	IB is responsible for counterterrorism, counterintelligence, and intelligence collection in border areas, infrastructure protection, and anti-secession activities.	2
	RAW is our primary foreign intelligence agency.	

48	The Indian Army has been playing a direct role in fighting insurgency and terrorism in J & K and the Northeastern States for decades.	2
	Or	
	The Indian Air Force is divided into three branches namely Flying Branch, Technical Branch, and Ground Branch. The Indian Air Force is divided into five operational commands and two functional commands.	
49	Assam Rifle performs many roles including the provisions of internal security under the control of the Army through the conduct of counter insurgency. In Boarder security operations, communication, medical assistance, education in remote area.	3
	(Any Three)	
	Or	
	The Central Reserve Police Force (CRPF) is the largest of India's Central Armed Police Forces. It functions under the aegis of Ministry of Home Affairs (MHA) of the Government of India. The CRPF's primary role lies in assisting the State/Union Territories in police operations to maintain law and order and counter insurgency.	
	Besides law and order and counter-insurgency duties, the CRPF has played an increasingly large role in India's general elections. During all the Parliamentary elections the CRPF has played a major role in the security arrangements. Of late, CRPF contingents are also being deployed in UN missions.	
	(Any Three)	

50	Blue economy is the sustainable use of resources of the oceans in a way to help	3
	the coastal community people in their economic and social development.	
	(Detail Explanation)	
	or	
	The Indian Ocean Region (IOR) is of immense strategic importance to India. Most of the country's oil and gas is imported through the sea. There is continuous increase in trade with the countries that surround the Indian Ocean region. Besides, the sea lanes, the Indian Ocean is considered as the most strategically important in the world because more than 80 % of the world's seaborne oil trade goes through the Indian Ocean choke points - 40 % passes through the Strait of Hormuz, 35 % through the Strait of Malacca and 8 % through the Bab el-Mandab Strait.	
51	To overhaul the entire war Machinery in India.	3
	To acquire the latest Military Hardware from the international market. To manufacture Military hardware indigenously.	
52	Military strategy to address national security, Economy, Budget allocation, Research in military technology, artificial intelligence and Cyber warfare.	3
	(Any Three points and explanation of each point)	

53	Fraud and Forgery, Damage or modification of computer data or programme,	6
	unauthorized access to computer system and surveillance and unauthorized	
	production of computer programme.	
	(Explaination of each point)	
	Or	
	Whenever a hacker penetrates a computer, he would attempt to install a spyware that will give him access to that computer at his will. He also may install malicious programme which would collect information from the computer and through internet, down load all files and particular IP address.	
	Remedial Measures are	
	Install Latest Patches for OS	
	Install a Good Internet Security Suite	
	(Explaination of each point)	
54	Primary task of the N.S.G is to combat against terrorism for protecting states	6
	against internal disturbance. The N.S.G. engages itself for internal security	
	operations i.e rescuing hostages from terrorist attacks such as hijacking and	
	elimination of terrorist. (Detail explaination)	
	on the control of the	
	Or	
	Intelligence agencies play an important role in ensuring India's internal security. The deadly threat of terrorism can only be prevented through an efficient intelligence mechanism that shall form an essential part of our National Security.	
	Intelligence Bureau (IB)	
	Research and Analysis Wing (RAW)	
	(Explaination of each point)	