

MILITARY SCIENCE

(There will be two papers of 100 marks each)

(Outlines of tests)

Marks : 100	(PART-I) WAR	Time : 3 Hours
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AIM: To create in the students an elementary understanding of the various factors governing war and its conduct.

Syllabus.

1. War: Aim of war; causes of war, Explanation of terms; strategy, grand strategy, tactics.
2. Nature of Modern War: Impact of science on War, Explanation of the terms; total war, limited war, global war, cold war, shooting war.
3. Principles of War: Selection and maintenance of the aim, morale offensive action security; surprise; concentration of economy of effort; flexibility; co-operation administration (logistics).
4. Modern Warfare: Explanation of tactical concepts; linear warfare; positional warfare mobile warfare, pincer movement, Psychological warfare, Guerrilla warfare, Role of the three services.
5. Operation of War: Advance, attack, defence and withdrawal, explaining the terms patrolling out-flanking, vanguard, advance-guard, penetration, counter-penetration, counter-attack, rear-guard and mopping up.
6. Sinews of War: Moral, Social, economic, geographic and political.
7. Modern Weapons of War.
8. Steps short of War: The U.N. especially and General Assembly and the Security Council.
9. Ethics of War: The Hague Conferences; the Geneva Convention.

Prescribed Textbook:-

“Fundamentals of War” by Col: (Retd.) N.D. Hasan M.A. PCS (M/S National Textbook Corporation Ltd., Lahore) For Punjab Textbook Board, Lahore

Recommended book:-

“Jang Ka Ilm-o-Fun” by Maj Gen: Bashir Ahmad.

Name of Book: Defence of Pakistan by Major Muhammad Ali.

Marks : 100	(PART-II) Defence of Pakistan	Time : 3 Hours
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1. The Defence Problems:
 - a. Our geographical location, terrain and frontiers with the neighbours.
 - b. Relations with our neighbours, with particular reference to India Afghanistan and China. Outstanding disputes of Kashmir and Farrakka.
2. Foreign Policy.
 - a. The global situation of Pakistan.
 - b. Objectives of big powers/neighbours in this region and its effects on our defence.
 - c. The foreign policy as a consequence of our defence problem.
 - d. Need for Pakistan's participation in Defence and Regional Pacts.
 - e. Pakistan and the Muslim World. Our relation-ship with the Muslim countries, specially from the point of view of defence. Pakistan's stand for Arab cause. May mention all out help by Turkey Iran and Indonesia to us during the last war of 1965.
3. Our Military Heritage.
 - a. Islamic teachings on Jihad.
 - b. Valour of Muslim Armies in War

- c. A short account of War of 1965.
- d. Short narration of the acts of valour and bravery displayed by members of our Armed Forces.
- 4. PAKISTAN ARMY { Brief history, organization, development since independence and type of equipment held in each service.
- 5. PAKISTAN NAVY
- 6. PAKISTAN AIR FORCE
- 7. ECONOMY AND DEFENCE.
 - a. Our resources and Industrial potential.
 - b. Defence on foreign supplies
 - c. Type of Industries to have defence bias to be useful in war from the point of view of Defence production.
 - d. Economic and Budgetary arrangements for the maintenance of Armed Forces.
 - e. The bearing of economic aid on Defence.
 - f. The effects of Defence expenditure on economic development.
 - g. Effects of War on Economy.
- 8. Role of Armed Forces During Peace.
 - a. Training and preparation for war.
 - b. In aid of Civil power during emergencies and calamities.
- 9. National Service and Second Line Forces.
Importance and Organization.
- 10. Civil Defence.
Organization in Pakistan and its duties in War.
- 11. Qualities of a Military Leader.
- 12. Military Honour and Awards, rank structure.

Name of Book:

Defence of Pakistan by Major Muhammad Ali.

Prescribed textbook.

Fundamentals of War by Major N.D. Hasan M.A, P.S,
(M/S. National Textbook Corporation Ltd., Lahore).

Recommended Book

Jang Ka Ilm-o-Fua,
by Major Geo: Bashir Ahmad.

