

PANJAB UNIVERSITY, CHANDIGARH

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E F E Y AB A DC E F EAD E B EC
 F A DEF CE A E C DE E E E Y E F E
 EXA A F

C EC E

F E E E

- D.S. 1: NATIONAL SECURITY CONCEPTUAL ASPECT
- D.S. 2: CONCEPTS AND THEORIES OF INTERNATIONAL RELATIONS
- D.S. 3: ART OF WAR
- D.S. 4: ARMED FORCES AND SOCIETY

EC D E E E

- D.S. 5: DEFENCE ASPECTS OF INTERNATIONAL RELATIONS
- D.S. 6: STRATEGIC ASPECTS OF INDIA'S SECURITY
- D.S. 7: MODERN STRATEGIC THOUGHT
- D.S. 8: RESEARCH METHODOLOGY

D E E E

- D.S. 9: REGIONAL SECURITY AND COOPERATION IN SOUTH ASIA
- D.S. 10: DEFENCE ECONOMICS
- D.S. 11: AREA STUDY - CHINA
- D.S. 12: DISSERTATION

F E E E

- D.S. 13: SCIENCE, TECHNOLOGY & NATIONAL SECURITY
- D.S. 14: INDIAN MILITARY HISTORY
- D.S. 15: MAJOR CONFLICTS IN POST WORLD WAR-II ERA
- D.S. 16: AREA STUDY - PAKISTAN



5. An overview of political, economic, socio-cultural problems
Trends in national security
6. Security dimensions of energy, food, water, health environment, finance, drug trafficking, money laundering



7. National Security and decision making structure – U.S.A., U.K., Russia, China and Pakistan.
8. National Security and the concept of joint defence structure in modern armies.



1. Annual Reports of Ministry of Defence, Government of India.
2. ARTRAC, Indian Army, National Security: Fundamentals, Doctrines and Concepts (Shimla, H.C. ARTRAC, 1999).
3. Gautam Sen, India's Security considerations in Nuclear Age, (New Delhi, Atlantic, 1986).
4. Joseph Frankel, National Interest, (Michigan, University of Michigan, 1970).
5. K. Subramanyam, Our National Security, (New Delhi, Economic and Scientific Research Foundation, Federation House, 1972).
6. L. J. Kavic, India's Quest for Security, 1947-1965, (New York, Columbia University Press, 1962).
7. P. N. Kathpalia, National security perspectives, (New Delhi, Lancer International, 1986).
8. R. N. Mishra, Indian Ocean & India's Security, (New Delhi, Mittal Publishers, 1985).
9. Rajendra Prasad, India's Security in 21st Century, (New Delhi, Dominant, 2001).
10. S. S. Khera, India's Defence Problem, (Bombay, Orient Longmans, 1968).
11. Thomas Raju & Amit Gupta, India's Nuclear Security, (New Delhi, Sage/Vister, 2000).
12. Thomas, Raju, India's Security Policy, (Princeton, Princeton University Press, 1986).

D C CE A D E E F E A A E A

: The paper gives out the various theories and concepts of international relations including issues of current relevance


C F A E E E A D ECA DDA E

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

p p r r p p no n q on p p r

E

1. The maximum marks for the theory paper shall be 80.
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV.
4. The compulsory question shall contain 15 short answer-type questions covering

EC 

D A F A

: The paper deals with the strategic theorists having propounded doctrines related to the art of warfare, land, sea and air.

I C F A E E E A D E C A D D A E

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will

EC

6. Clausewitz views on war: theories, strategies and tactics
7. Fuller's views on mechanized warfare

EC

8. Mahan's contribution to the Sea power and Naval warfare
9. Theories on Strategic Air-power: Views of Douhet and Mitchell

W n

1. A. T. Mahan, The influence of Sea Power Upon History 1660- 1783, (Dehradun, Natraj Publishers, 2003).
 2. Brian, W. Blout, (edit), Global Geostrategy: Mackinder and the Defence of the West, (Oxon Routledge, 2005).
 3. Carl Von Clausewitz, On War, (London, Kegan Paul, 1908).
 4. Col. J. F. C. Fuller, On Future War, (London, Sifton Praed & Co. Ltd. 1928).
 5. E. M. E.,-2()6.4(.)-4 Rouaed7Bn 28 24(,) -2oW. 6()-2(o)-4(n)-4()-2(P)7(r)-7(7(o)-4(.m(2)16(8 24
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D A EDF CE A D CE Y

: Armed forces and society has an important interface. The paper is about military organization and its role in society.

C F A E E E A D ECA DDA E

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear in NtS. 4 v24 who h(.)-2(p)-been assess16(2e)-4(d)-4()-62.002 from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candtS16(a)-4(2(4)-862(v))-62(h(16(a)-3.99658(ve)-4()-62(t)-2(o

-
1. Military Organisation: le2()-d2(l)-18()4(.)-2()-1882(M)13-202(l)2(e)-4(2(4(n)Tj -4(M)13(i)-18(l))

4. Post-war social problems: problems of large scale disbandment of personnel, Rehabilitation and social adjustment of servicemen relieved after war, Prisoners of War.

E E ED \ DEF E CE A EC F A E A A E A \

: Force is an important tool of international relations and diplomacy. The paper deals with an approach to various international systems of current relevance.

 C F A E E E A D E C A D D A E \

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p p r r r p r no n q r on p p r

E

1. The maximum marks for the theory paper shall be 80
2. The duration of examination shall be three hours.
3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question shall carry 2 marks. Each answer shall not exceed 30 words.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

EC \

1. Concepts of Security (Meaning, concept and current relevance).
 - a) Balance of Power
 - b) Balance of Terror
 - c) Collective Security
 - d) Common Security (various dimensions)
 - e) Comprehensive Security

EC \

2. Paths to peace and Institutions of the International system.
3. Diplomacy
 - i) Meaning of Diplomacy
 - ii) Types of Diplomacy

EC

1. Problems of India's security: threats, challenges and opportunities

- i) External Security environment – Global and Regional threats
- ii) Internal security threats – LIC, insurgency, proxy war, drug trafficking, terrorism, organized crime, regionalism, separatism and fundamentalism

6. J.N. Dixit, India's foreign policy, 1947-2003, (New Delhi, Picus Books, 2003).
7. K. V. Krishna Rao, Prepare or Perish: a study of National Security, (Delhi, Lancers Publishers, 1991).
8. Maj. Gen. Dr. Virinder Ubroy, Threat Perceptions for National Security, (New Delhi, UBS publishers Distributors pvt. Ltd, 2004).
9. P. C. Dogra, (edit), Changing perspective on national security, (Delhi, Lancer's Books, 2004).
10. P. R. Chari, Malika Joseph and Suba Chandra, Missing Boundaries, (New Delhi, Manohar Publishers, 2003).
11. Paranjpe Shrikant, India and South Asia since 1971, (New Delhi, Radiant, 1995).
12. R. A. Singh, India's National security Through Ages, (Raj Publications, New Delhi, 2006).
13. Rajendra Prasad, India's Security in 21st Century, (New Delhi, Dominant, 2001).
14. Rajendra Nath, Indian security threats & strategies, Chandigarh Panchnad Research Institute, 1990).

D DE A E C

: The paper deals with the theories of geo-politics and economics besides concepts of Marxist, guerillas and relevance of nuclear deterrence.

C F A E E E A D E C A D D A E

- (i) The theory question paper will be of 80 marks and 20 marks will be for internal assessment.
- (ii) For improvement and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

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2. The duration of examination shall be three hours.

3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV.
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question shall carry 2 marks. Each answer shall not exceed 30 words.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

EC 

1. Theories of geopolitics:
 - i) Mackinder's heartland theory
 - ii) Haushofer's views on geopolitics

EC 

2. Mao's Concept of Revolutionary War and Guerilla Warfare.
3. Engels and Marx's: Revolutionary War & Military Concept of Social Revolutionaries.

EC 

5. J. F. C. Fuller, *On future warfare*, (London Sifton Praed & Co. Ltd. 1928).
6. J. J. Graham (translated by), *Clausewitz. Von's On War*, (London, Kegan Paul, Trench, Trubner & Co. Ltd. 1908).
7. K. S. Tripathi, *Evolution of Nuclear Strategy*, (Vikas Publication, Delhi, Bombay, Bangalore, 1970).
8. Mao Tse-Tung & Che Guevara, *Guerrilla Warfare*, (London, Cannell, 1962).
9. Patrick O'Sullivan, *Geopolitics*, (London, Routledge, 1998).
10. R. P. Kangh, *The Kautilya: Arthasastra*, (Bombay University Press, 1965).
11. R. Shamasastri, *Essentials of Indian Statecraft: Kautilya's Arthasastra for Contemporary readers*, (Mysore, Mysore Printing & Publishing House, 1961).
12. Shekhar Adhikari, *Modern Strategic Thought: Machiavelli to Nuclear Warfare*, (New Delhi, Kilaso Books, 2004).
13. Sun Tzu, *The Art of War*, (Shambhala Publications, 1999).
14. Windsor, *Strateit Win(i)2l--7(t)5(ka)164O-2(A)72(A)72(A)72(A)62n(i)5Ni, i, Kilao C5 r,p8(,)-22hoy, ,*

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5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

EC

1. Research – Application, types & paradigms
2. Basic Elements of Research – Problem, Selection & Formulation and Review of Literature

EC

3. Hypothesis – Definition, functions, characteristics, types & testing procedures
4. Research Design – Definition, functions and types

EC

5. Data collection and processing
6. Sampling – Concept, principle and types

EC

7. Research project writing
8. Evaluation – Meaning, types and ethics in evaluation

π n

1. Booth and Wayne, Craft of Research, (University of Chicago Press, 1995).
2. Dipak Kumar Bhattacharya, Research Methodology, (New Delhi, Excel Books, 2004).
3. G. R. Bosotia and K.K. Sharma, Research Methodology, (Jaipur, Mangal Deep, 1999).
4. Judith Bennett, Evaluation Methods in Research, (London, Continuum, 2005).
5. M. N. Borse, Handbook of Research Methodology: Modern methods and New Techniques, (Jaipur, Shree Niwas, 2004).

E E E ...D A E A EC YA DC EA A A

: The paper focuses on the various dimensions of regional security, challenges and cooperation in South Asian politics.

C F A E E E A D ECA DDA E

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4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question shall carry 2 marks. Each answer shall not exceed 30 words.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

EC A

1. Regional State system of South Asia: Its evolution and geo-political structure.
2. Sources of insecurity, incentives and disincentives for cooperation:
 - i) Sub-regional
 - ii) Regional
 - iii) Extra regional

EC

3. Emerging security challenges in South Asia

- i) Mass migration
- ii) Energy security
- iii) Proliferation of small arms
- iv) Water security
- v) Maritime security
- vi) Environmental security

EC

4. Cooperation among South Asian States:

- i) Origin and development of SAARC
- ii) Role of SAARC in South Asia
- iii) Problem and Prospects

5. Bilateral trade relations among the South Asian countries.

EC

6. Conflict resolution and peace building in South Asia.

7. Nuclear factor in South Asia & its impact on security concerns of South Asian States.

7.

3. There shall be nine questions in all, one compulsory and two questions each from Section I to IV
4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question shall carry 2 marks. Each answer shall not exceed 30 words.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

EC I

1. The Economic Foundation of Military Power.
2. Determinants of Defence Expenditure – Threat perceptions, Capabilities and policies

EC I

3. Economic Warfare: Nature, Content and Scope.
4. Defence and Development : Concept and its implication for India

EC I

5. Defence Budget:
 - i) Structure of Defence Budget
 - ii) Financial Committees of the Parliament – Public Account Committee, Estimate Committee
 - iii) Performance Budgeting – Comptroller and Auditor General (CAG)
6. Resource Mobilization and Fiscal Policy of War :

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I E

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4. The compulsory question shall contain 15 short answer-type questions covering the entire syllabus out of which candidates have to attempt 10 only. Each short answer-type question shall carry 2 marks. Each answer shall not exceed 30 words.
5. Attempt 4 questions in all from Sections I to IV selecting at least one from each Section.

EC I

1. Military Geography of China: location, size and strategic importance
2. Population, composition and characteristics of major ethnic groups

EC I

3. Detailed history of China until the establishment of communist regime
4. Determinants of foreign and defence policy of China

EC I

5. China's Military Modernization programme
6. China's nuclear & space development programme

EC I

7. China's relations with:
 - a) USA
 - b) India
 - c) Russia
 - d) Pakistan
 - e) Central & West Asia
8. China's Maritime Strategy

v n

1. Susant Shirk, *China- Fragile Superpower*, Oxford University Press, New York, 2007.
2. Alka Acharya, *China and India- Politics of Incremental Engagement*, Har- Anand Publications, New Delhi, 2008.

3. Ravi Vohra, P. K.Ghosh(eds), *China and the Indian Ocean region*, National Maritime Foundation, Anamaya Publishers, New Delhi, 2008.
4. B. R. Deepak, *India- China Relations: In the first half of the 20th Century*, APH Publishing House, New Delhi, 2001.
5. Dinesh Lal, *Indo-Tibet-China Conflict*, Kalpaz Publications, New Delhi, 2008.
6. Vishnu Saraf, *India and China: Comparing the Incomparable*, Macmillan Publishers India, 2008.
7. R.V. Kumar, *Chinese Air Force threat: An Indian Perspective*, Manas Publication, New Delhi, 2003.
8. M.L. Sali, *India- China Border dispute: A case study of Eastern Sector*, A.P.H.

7. New Technologies and their relevance to security system:
 - i) Rockets and Missiles
 - ii) Information Technology/Cyber/Hacking.
 - iii) Biometrics
 - iv) Bio-Technology
 - v) LASERS/Satellite
 - vi) Dual Use Technology
 - vii) Nuclear Weapons
 - viii) NMD
 - ix) Stealth

8. Electronic Warfare and Application of Electronic System in the Military Activities, C4I2SR.

P

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EC

1. Alexander's invasion of India with special reference to the Battle of Hydaspes.
2. Military system of Mauryas, Guptas and Cholas.

EC

3. Military system of the Rajputs and their art of warfare with special reference to the Battles of Tarain- 1191 and 1192 A.D
4.
 - a) Babar's invasion of India with special reference to the Battles of Panipat & Kanwaha
 - b) Military System of the Mughals under Akbar.

EC

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4. The compulsory question shall contain 15 short answer-type questions covering the

4. An overview of the conflicts in the States of Africa:

- i) Congo
- ii) Angola
- iii) Nigerian Civil War
- iv) Rwanda-Burundi Tribal Conflict
- v) Somalian Crisis
- vi) Libya Crisis



5. South Asia:

- i) Indo-Pak Wars 1947, 1965, 1971 and Kargil War
- ii) Sino-Indian War 1962

6. East & South East Asia:

- i) Korean War 1950-53
- ii) Indo-China War 1946-54
- iii) Vietnam War



7. Military conflicts in Central Asian States :

- i) Sino-Soviet Border Clashes
- ii) Afghanistan
- iii) Chechnya

8. Central and Latin America:

- i) Cuban missile crisis 1962
- ii) Falkland Crisis 1982
- iii) Grenada Crisis 1983

References :

1. A World Atlas, Military History 1945-84, (London, Lei Cooper, 1984).
2. Adda B. Bozeman, Conflicts in Africa: Concepts and Realities, (Princeton, Princeton University Press, 1976).
3. Andrew J. Bacevich and Eliot A. Cohen, (edit), War over Kosovo, (Columbia University Press, 2001).
4. Atlas of 20th Century Warfare, (London, Vision Books, 1986)
5. B. Bond, War and Society in Europe 1870-1970, (Fontana, 1984).
6. Birbal Nath, Kashmir, The Nuclear Flashpoint, (New Delhi, Manas, 1948).

7. Deepinder Singh, The IPKF in Sri Lanka, (Noida, Trishul Publication, 2001).

2. Jagdish P Jain, China, Pakistan, and Bangladesh, Radiant Publishers, New Delhi, 1974.
3. Saeed Shafqat (edited), Contemporary issues in Pakistan studies, Lahore : Azad, 1998.
4. K.K. Bhardwaj, Pakistan's March to Democracy and Liberalism, Anmol Publications, New Delhi, 1999.
5. Rajvir Singh, U.S.- Pakistan and India: Strategic relations, Chugh Publications, Allahabad, 1985.
6. Sahdev Vohra, Fifty Years of Pakistan, Intellectual Book Corner, New Delhi, 1998.
7. Verinder Grover & Ranjana Arora, (eds.) 50 years of Indo-Pak relations, (3 Vols), Deep & Deep Publications, New Delhi, 1998.
8. Jaswinder Kumar, Irritants in Indo-Pak relations, Deep & Deep Publications, New Delhi, 1989.
9. B.P Barua, Politics and constitution-making in India and Pakistan, Deep & Deep Publications, New Delhi, 1984.
10. Shuja Nawaz, Crossed Swords - Pakistan, Its Army, and the Wars Within, Oxford University Press, New York, 2008.
11. Bidanda M. Chengappa, Pakistan: Islamisation, army and foreign policy, A.P.H. Publications, New Delhi, 2004.
12. E. Sridharan, The India-pakistan Nuclear Relationship: Theories Of Deterrence And International Relations, Routledge, 2007.
13. Rizwan Zeb, Suba Chandran, Indo-Pak Conflicts, Cambridge University Press, 2005.
14. Kapil Kak, Amitabh Mattoo, Happyman Jacob(eds), India & Pakistan: Pathways Ahead, K W Publishers, New Delhi, 2007.
15. Gurmeet Kanwal, Pakistans Proxy War, Lancer Publishers, New Delhi, 2002.

