



Khandesh Education Society's

Pratap College, Amalner

(AUTONOMOUS)

खान्देश शिक्षण मंडळ संचालित

प्रताप महाविद्यालय, अमळनेर (स्वायत्त)

SYLLABUS UNDER AUTONOMY

T. Y. B. A.

Semester - V & VI

Syllabus for T.Y.B.A. (Defence and Strategic Studies)

Academic Year 2021-22

CHOICE BASED CREDIT SYSTEM (CBCS)

Under Graduate Programme (U. G. Course)

(60:40 Pattern)

(w.e.f. Sept. 2021)

Defence and Strategic Studies

Structure of TYBA

Under the CBCS Pattern (2021-22)

Semester	Discipline specific core course DSC	Ability Enhancement Compulsory Courses AEC	Skill Enhancement Course SEC	Discipline specific Elective Courses DSE	Generic Elective GE
V Credits : 28 (10 Papers)	MIL 3 (03) DSC 1 E (03) (G-3 D & SS) DSC 2 E (03) DSC 3 E (03)	English Communication (02)	SEC 3 (02)- D & SS	DSE 3 A (03) S-3 D & SS DSE 4 A (03) S-4 D & SS	GE 1 A (03) D & SS GE 2 A (03)
VI Credits : 28 (10 Papers)	MIL 4 (03) DSC 1 F (03) (G-3 D & SS) DSC 2 F (03) DSC 3 F (03)	English Communication (02)	SEC 4 (02)- D & SS	DSE 3 B (03) (S-3 D & SS) DSE 4 B (03) (S-4 D & SS)	GE 1 B (03) D & SS GE 2 B (03)

Note- D& SS- Defence & Strategic Studies.

AEC- English Communication ही अनिवार्य अभ्यासपत्रिका आहे. तृतीय वर्षात प्रवेशित प्रत्येक विद्यार्थ्यांने ही अभ्यासपत्रिका अभ्यासणे अनिवार्य आहे.

MIL ही अनिवार्य अभ्यासपत्रिका आहे. तृतीय वर्षात प्रवेशित प्रत्येक विद्यार्थ्यांने मराठी व हिंदी यापैकी महाविद्यालयात शिकवल्या जाणाऱ्या कोणत्याही एका भाषा विषयाच्या MIL मधील अभ्यासपत्रिकेची निवड करणे अनिवार्य आहे.

DSE 3,4 मध्ये संरक्षण आणि सामरिकशास्त्र विषयाच्या अभ्यास पत्रिकांची निवड केल्यास DSC मधील तीन अभ्यासपत्रिकांपैकी एक अभ्यासपत्रिका संरक्षण आणि सामरिक शास्त्र विषयाची निवडणे (G-3 International Security Issues) अनिवार्य आहे.

DSC मधील अन्य दोन अभ्यासपत्रिका अन्य कोणत्याही दोन भिन्न विषयांचा निवडता येतील.

SEC मध्ये महाविद्यालयात उपलब्ध असलेल्या कोणत्याही विषयाच्या कौशल्याधारित अभ्यास पत्रिकांची निवड करणे अनिवार्य आहे.

GE मध्ये महाविद्यालयात विशेष स्तरावर उपलब्ध कोणत्याही दोन विषयांच्या प्रत्येकी एक अशा एकूण दोन आंतरविद्याशाखीय अभ्यासक पत्रिकांची निवड करणे अनिवार्य आहे. उदा. (GE संरक्षण आणि सामरिकशास्त्र आणि GE मराठी/हिंदी/इंग्रजी)

(Paper of special subjects)

शिक्षक आणि विद्यार्थ्यांच्या माहितीसाठी –

- 1) DSC-DEF- E 351 आणि F 361 व DSE-DEF-C-352 व 353 आणि DSE-DEF-D-362 व 363 या विषयांचा 60 गुणांचा थेअरी पेपर दोन्ही सत्रांसाठी असेल व अंतर्गत गुण दोन्ही सत्रांसाठी 40 असतील त्यांचे वर्गीकरण पुढील प्रमाणे.
2 चाचणी $2 \times 10 = 20$
गृहपाठ / सेमीनार / शैक्षणिक सहल वृत्तांत = 10
हजेरी व वर्तणूक = 10
एकूण = 40 गुण.
- 2) DSE – 3 व 4 (स्पेशल) संरक्षण व सामरिक शास्त्र विषय घेणाऱ्या विद्यार्थ्यांनी DSC (जनरल) संरक्षण व सामरिक शास्त्र हा उपलब्ध विषय घेणे अनिवार्य आहे.
- 3) महाविद्यालयाची लेखी परीक्षा 60 गुणांची आणि अंतर्गत परीक्षा 40 गुणांची आहे.

Pratap College, Amalner

(AUTONOMOUS)

Defence and Strategic Studies

T.Y.B.A. CBCS Pattern

w. e. f. Sept. 2021

Semester – V

Sr. No.	Course Code	Course
1	DSC-DEF- E- 351	International Security Issues- I
2	DSE-DEF- C- 352	Contemporary Study of War & Peace- I
3	DSE-DEF- C- 353	Geo-strategy
4	SEC-DEF- 354	Defence Research
5	GE- DEF-A-355	Disaster Management & Security – I

Semester –VI

Sr. No.	Course Code	Course
1	DSC-DEF- F- 361	International Security Issues- II
2	DSE-DEF- D- 362	Contemporary Study of War & Peace- II
3	DSE-DEF- D- 363	Military Geography
4	SEC-DEF- 364	Defence Production
5	GE- DEF-B- 365	Disaster Management & Security - II



Dr. G. H. Nikumbh

(Chairman Board of Studies)

Defence and Strategic Studies

Pratap College, Amalner. (Autonomous)

Pratap College, Amalner

(AUTONOMOUS)

Defence and Strategic Studies

Syllabus For T.Y.B.A.

CBCS Pattern (w. e. f. Sept. 2021)

SEMESTER – V

DSC - DEF- E - 351 International Security Issues- I (G-3)

DSE - DEF- C - 352 Contemporary Study of War & Peace- I (S-3)

DSE - DEF- C - 353 Geo-strategy (S-4)

SEC – DEF - 354 Defence Research- I

GE- DEF- A- 355 Disaster Management & Security – I

SEMESTER – VI

DSC - DEF- F - 361 International Security Issues- II (G-3)

DSE - DEF- D - 362 Contemporary Study of War & Peace- II (S-3)

DSE - DEF- D - 363 Military Geography (S-4)

SEC – DEF - 364 Defence Production

GE- DEF- B- 365 Disaster Management & Security – II

Defence and Strategic Studies

T.Y.B.A. Syllabus CBCS Pattern (w. e. f. Sept. 2021)

Program Outcomes:

1. Students will demonstrate a deep understanding of the multifaceted nature of international security issues, including conflict resolution, terrorism, and geopolitical tensions.
2. Students will develop critical thinking skills to analyse contemporary issues related to war and peace, including the causes of conflicts, peacekeeping efforts, and post-war reconstruction.
3. Students will be proficient in analysing geostrategic factors that influence international relations and military strategies, including the role of geography, resources, and political dynamics.
4. Students will acquire research skills relevant to defence studies, enabling them to conduct independent research, analyse defence policies, and evaluate defence strategies.
5. Students will possess the knowledge and skills necessary to effectively manage disasters, mitigate risks, and coordinate emergency response efforts at local, national, and international levels.

Program-Specific Outcomes:

1. Students will be able to formulate strategic plans and develop policies addressing international security challenges, drawing upon interdisciplinary knowledge from politics, economics, and military studies.
2. Students will demonstrate proficiency in conflict resolution techniques and peacebuilding strategies, including negotiation, mediation, and reconciliation processes.
3. Students will be capable of conducting geostrategic analysis to inform decision-making processes in military operations, defence planning, and international negotiations.
4. Students will be familiar with the latest advancements in defence technology and possess the ability to assess their impact on military strategies, defence capabilities, and national security.
5. Students will have the expertise to effectively manage emergencies and crises, coordinating resources, implementing response plans, and leading teams in high-pressure situations to ensure public safety and security.

Prerequisites-

- The teachers are predicted to make use of exclusive ICT equipment to acquaint the college students with the prescribed units.
- The teachers can take assist of quite a number on-line course, video clips, PPT handy on line via countrywide worldwide issues, treaty, and recent political, social and strategic changes.

Defence and Strategic Studies

T.Y.B.A. Syllabus CBCS Pattern (w. e. f. Sept. 2021)

SEMESTER – V

DSC-DEF- E- 351 International Security Issues - I (G-3)

Credits – 03 Marks – 60

Clock Hours – 45

Course Outcomes-

- Students will be able to understand the challenges to International Security and World Peace.
- They will develop the knowledge about strategic & Security concerns worldwide.
- They will analyze and evaluate the International security issues.

Unit 1. A- International Security

- a) Meaning and Concept.
- b) National Security and International Security.
- c) Traditional Security and Non- Traditional Security.
- d) Security Strategies in the Twenty- first Century.

Unit 1. B- Challenges of Non-state actors on International Security

- a) Meaning and Concept.
- b) Ethnic crisis.
- c) Organized crime.
- d) Illegal trafficking (Drugs, Human, Small Arms).
- e) Solutions.

Unit 2. Environmental Security.

- a) Meaning and Concept.
- b) Effects of growing pollution on International security.
- c) Global warming & Greenhouse effect.
- d) Energy, Water and Food Security.
- e) Solutions for Environmental security.

Unit 3. Trade and Economic Conflict.

- a) Meaning and Concept.
- b) Scarcity of Natural resources.
- c) Trade rivalry between states. (USA, Russia, China, Japan, India)
- d) Problems of Developing Countries.

Book References –

1. Balan K The Millennium Thoughts challenges to service, Author Press, Delhi 2001.
2. Hough Peter, Malik Shahin, International Security Studies: Theory and Practice, Routledge Publishers, New Delhi
3. Karn Margaret P. Mingst, International organization The political & Process of Global Governance, Viva books pvt. Delhi 2005.
4. Mishra Brijaylaxmi, United Nations and Security Challenges In New millennium, Kilaso books, New Delhi 2004.
5. Morgan Patrick, International Security: Problem & Solutions, Sage Publishers, New Delhi, 2006.
6. Nayyar K. K. & others, National Security: Military Aspects, Rupa Co., New Delhi, 2003.
7. Rogers Paul, Losing Control: Global Security in the Twenty – First Century, Heritage Publishers, New Delhi, 2010.
8. Saighal Vinod., Global Security Paradoxes, Manas Publications, New Delhi, 2004
9. Shashtri M. N., Introduction to Environment, Himalaya Publishing house, Mumbai 2005.
10. Subrahmntam K., Security – India’s Future in the New Milinniam.
11. Vispute D. G., Todkar B. D., Dharmadhikari Madhuri., Jatic Surakha (Marathi), Prashant Publication, Jalgaon, 2015
12. Buzan, Barry and Waever, Ole (eds) (2003) Regions and Powers : The Structure of International Security, Cambridge University Press Cambridge.

Defence and Strategic Studies

T.Y.B.A. Syllabus CBCS Pattern (w. e. f. Sept. 2021)

SEMESTER – V

DSE-DEF-C-352- Contemporary Study of War and Peace- I (S-3)

Credits – 03 Marks – 60

Clock Hours – 45

Course Outcomes-

- Students would get to understand the Contemporary war, it's Nature, scope and effects.
- They shall be in a position of comprehend the concept and Nature of Detente.
- They will learn the Concept, Nature, Characteristics of Deterrence Strategy and balance of power.

Unit-1) Contemporary study after Second World War

A) Cold War

- a) Introduction b) Meaning, Definition c) Nature, Scope
- d) Causes, Effects

B) Detente

- a) Introduction b) Meaning, Definition c) Nature, Scope
- d) Causes, Effects

Unit-2) Deterrence

- a) Introduction b) Meaning, Definition, Objectives
- c) Concept, Nature, Characteristics d) Deterrence Strategy

Unit-3) Balance of Power

- a) Introduction b) Meaning, Definition
- c) Foundation, Characteristics, Causes
- d) Different Types of Balance of power
- e) Way or Techniques of Balance of power

Book References –

- 1) Agrawal Rameshwardayal and Gupta Kailashchandra, “Antarrashtriy RajNeeti”, Jay Prakashanth Company, Merath, 1971.
- 2) Bhogle Shantaram, “Antarrashtriy Sambanddha”, Vidhya Prakashan, Nagpur, 1991.
- 3) Brodie B., “Strategy in the Missile Age”, RAND Corporation, 2007
- 4) Calvocoressi Peter, “World Politics since 1945”, London, Longman, 2000.
- 5) Chaudhari A.P., Chaudhari Archana, “Rashtriya Suraksha: Jagtik Drustikon”, Prashant Publications, Jalgaon, 2004.
- 6) Deolankar Shailendra, “Samkalin Jagtik Rajakrnatil Pramukh Prashna”, Vidhya Prakashan, Aurangabad, 2005.
- 7) Deolankar Shailendra, “United Nations”, Pratima Prakashan, Pune, 2008.
- 8) Fadiya B.L., “Antarrashtriy Rajneeti and Antarrashtriy Sambanddha”, Sahitya Bhavan, Agra, 2005.
- 9) Halperin Morton, “Contemporary Military Strategy ”, Faber & Faber, Revised Edition(Dec. 1970)
- 10) Jain Hukumchand and Mathur Krushnachandra, “Adhunik Jagacha Itihas”, K.Sagar Publications, Pune, 2011.
- 11) Kamble Surendra B., “Yuddha Ani Shatatecha Samakalin Abhyas”, Sumedh Prakashan, Pune, 2016.
- 12) Kulkarni B.R., “Antarrashtriy Sambanddha”, Vidya Prakashan, Nagpur, 2005.
- 13) Lote R.J., “Antarrashtriy Sambanddha”, Pimpalapur and Com. Publishers, Nagpur, 1995.
- 14) Maurice Clark, “Reading in the economics of War”, Universitieiis of California Libraries, 1918.
- 15) Morgenthau Hence, “Politics Among Nations”, McGraw-Hill Higher Education; 7 Edition, 2005.
- 16) Palmar & Parking, “International Relation”, Book Agency , Calcutta, 1970.

- 17) Paranjape Shrikant, "Samrikshastra", Continental Prakashan, Pune, 1994.
- 18) Parmar & Parking, "International Relation", AITBS Pub. And Distributers New Delhi , 2005.
- 19) Panikar K.M., "Geographical factors in Indian History", Vidya Bhagan, 1969.
- 20) Patil V.B., "Antarrashtriy Sambanddha", Prashant Publications, Jalgaon, 2011.
- 21) Rattu Krushna Kumar, "Bhartiy Parmanu Parikshan aur Nirstrikan", Pointer Publisher, Jaipur, 1998.
- 22) Raypurkar Vasant, "Antarrashtriy Sambanddha", Mangesh Prakashan, Nagpur, 2006.
- 23) Shinde J.R., "Antarrashtriy Sambanddha", Kailash Publications, Aurangabad, 1991.
- 24) Shukla Umeshchandra, Shukla Vibharani, "Antarrashtriy Sambanddha", Prakashan Kendra , Lucknow, 1967.
- 25) Singh Ashok Kumar, "Rashtriya Suraksha", Prakash book depot, Bareilly, 2006.
- 26) Sing Ashok Kumar, "Adhunik Strategic Vichardhara ", Prakash book depot, Bareilly, 2006.
- 27) Singh Lalanji, "Rashtriya Raksha Aur Suraksha", Prakash book depot, Bareilly, 2003.
- 28) Singh Lalanji, "Strategic Adhyayan", Prakash book depot, Bareilly, 2003.
- 29) Singh S.P., "Antarrashtriy Sambanddha", Laxminarayan Agrawal Prakashan, Agra, 2005.
- 30) Todkar B.D., "Antarrashtriy Sambanddha", Diamond Publications, Pune, 2012.
- 31) Udgaonkar M.N. and Raut Ganesh, "Adhunik World", Damond Publications, Pune, 2008.
- 32) Vaidhya Suman, Kothekar Shanta, "Aadhunik World- Bhag- II", Shri Sainath Prakashan, Nagpur, 2000.
- 33) Varadkar R.D., "Antarrashtriy Sambanddha Ani Rajkaran", Vidya Prakashan, Nagpur, 1991.

Book References –

1. Singh Jusjit, *Air Power*, Lancer international, Delhi 1988.
2. Peder and Percy, *Military Geography*, East west Press Pvt. 1981.
3. Sharma H., *Yuddha Avam Bhautiki Tattva*, Prakash Book Depot, Barreily, 2001
4. Guputa P., *Sainiki Bhoogol*, Prakash Book Depot, Barreily, 2001
5. Das S.T., *Studies in Defence Strategy*, Sagar Publication Delhi
6. Modie A E, *Geography behind politics*, B. I. Publication, Delhi 1965.
7. Bhagwat A. V. *Rajkiya Bhoogol*, Narendra Prakashan, Pune, 1978
8. Sharma Gautam & Nagar R S, *Indias Northern security*, Reliance Publishing
Delhi 1986.
9. Sali M. L., *Military Geography*, Manas Publication, New Delhi, 2004.
10. Sali M.L., *Indo – China Border Disputes*, New Delhi, APH. Publishing House,
1998.
11. Ghrpure V. T., *Rajkiya Bhugol*, Pimpalpure & Co., Nagpur, 2001.
12. Sukhwai, B.L., *India: Political Geography*, Bombay, Allied Pub., 1971
13. Paranjape Srikant, *India and South Asia Since 1971*, Radiant publishers, New
Delhi, 1985
14. Agrawal Amita., *Indian Ocean and World Peace*, New Delhi, Kanishka
Publishers & Distributers, 2000.
15. Paleri Prabhakaran., *Role of the Coast Guard in the Maritime Security of India*,
New Delhi, knowledge World, 2004.
16. Roychaudhury Rahul ., *India's Maritime Security*, New Delhi, knowledge
World, 2000.
17. Roychaudhury Rahul ., *Sea Power and Indian Ocean* , London, Bresseys,
1995.
18. Sanjiv Krishan Sood, Inderjeet Singh & Monojit Das, *B S F- The Eyes and Ears of India*,
New Delhi, Adroit Publication, 2021.

Defence and Strategic Studies

T.Y.B.A. Syllabus CBCS Pattern (w. e. f. Sept. 2021)

SEMESTER – V

SEC- DEF-354- Defence Research

Credits – 02 Marks – 60

Clock Hours – 30

Course Outcomes-

- Students will enhance the knowledge and skill regarding India's defence research and production.
- They will provide an overview of the progress of India in defence research and defence production.
- They will aware with the advancement and its development in the field of defence research and defence production.

Unit 1-A. Defence Research and Development Organization (D.R.D.O).

- a) Structure & Organization.
- b) History of DRDO.
- c) Role in Defence Research.
- d) Defence Research and Development Laboratory (D. R. D. L.).

Unit 1-B Indian Space Research Organization (I. S. R. O.)

- a) Structure & Organization.
- b) History of ISRO.
- c) Role in Defence Research.

Unit 2-Foreign Direct Investment (F. D. I.).

- a) Meaning and concept of F. D. I.
- b) Advantage and Disadvantage of F. D. I.
- c) Relevance.

Unit 3- Make in India.

- a) Meaning and concept of Make in India.
- b) Aims of make in India.
- c) Sectors included in Make in India.

Book References –

1. Behra L. K. *Indian Defence Industry*, Pentagon Press (I.D.S.A.) New Delhi, 2016.
2. Rao D. Bhaskara (ed) *Military Conversion: Impact on Science & Technology*, Discovery Publishing House, New Delhi, 2003.
3. Jadhav Narendra, *New – Age technology & Industrial Revolution*, Konark Publication, New Delhi.
4. Singh Lallanji, *Raksha Praudogiki Mein Bharat*, Prakash Book Depot, Bareilly, 1992.
5. www.indiandefencereview.com
6. www.mod.gov.in/document_report.
7. www.ddpomod.gov.in
8. www.drdo.gov.in
9. www.makeinindia.com/sector/defence-infrastructuring
10. www.isro.gov.in
11. www.ofb.gov.in

Defence and Strategic Studies

T.Y.B.A. Syllabus CBCS Pattern (w. e. f. Sept. 2021)

SEMESTER –V

GE-DEF-A-355- Disaster Management & Security- I

Credits – 03 Marks – 60

Clock Hours – 45

Course Outcomes-

- Students will understand the concepts of disaster and disaster management.
- They will study the Structure, role and problems of disaster management in India.
- They will assess the India's disaster management mechanism.

Unit 1. A – Disaster.

- a) Introduction. b) Meaning. c) Concept.
- d) Consequences of disaster in national security of India.

Unit 1. B – Types of Disaster.

- a) Natural Disaster - i] Hurricanes, ii] Tornadoes, iii] Earthquakes, iv] Floods, v] Volcanoes, vi] Tsunami.
- b) Man-made Disaster – i] Terrorist Attacks, ii] Violence incidence, iii] Riots.
- c) Technological – i] Accidents, ii] Industrial accidents.

Unit 2. - Disaster Management

- a) Introduction b) Meaning
- c) Aims and Objective d) Characteristics

Unit 3. - Organization of Disaster Management in India

- a) Introduction.
- b) National Disaster Management Policy (Act 2005, 2009)
- c) National Disaster Management Authority (NDMA)
- d) State Disaster Authority (SDA)
- e) District Disaster Authority (DDA)

Book References –

1. Malik Ashok, *Causes of Climate Change*, Rajat Publication New Delhi, 2015.
2. Panday Mahendra, *Global Warming & Climate Change*, Dominant Publishers & Distributers Pvt. Ltd., Delhi, 2014
3. Mahajan Hemant, *Proxy War in J & k: A Winning Proxy War*, Aanand Shidhaya, Rambhau Mhalgi Prbodhni, Mumbai, 29 March 2014.
1. B Mahajan Hemant, *Indias Coastal Security, Challenges, Concerns, War Ahead*, Madhavi Publication, Pune, 2017
5. Sylves Rechard, *Disaster Policy & Politics: Emergency Management and Homeland Security, US*, 2008.
2. Dave R. K., *Disaster Management in India: Challenges and Strategies*, Prowess Publishing, Feb. 2018.
7. Marathe P.P., *Krutibadhh Aapati Vyavasthapan*, Diamand Publication, Pune, 2010.
8. Bansal Rajiv, *Aapada Prabhandhan*, SBPD Publication, 2015
9. <https://www.ndma.gov.in>
10. <https://www.undp.org./disastermanagemanetinindia>

Defence and Strategic Studies

T.Y.B.A. Syllabus CBCS Pattern (w. e. f. Sept. 2021)

SEMESTER – VI

DSC-DEF-F- 361- International Security Issues – II (G-3)

Credits – 03 Marks – 60

Clock Hours – 45

Course Outcomes-

- Students will be able to understand the challenges to International Security and World Peace.
- They will develop the knowledge about strategic & Security concerns worldwide.
- They will evaluate the International security issues.

Unit 1. A- Religious and Ideological Conflicts between states.

- a) Meaning and Concept.
- b) Worldwide growing religious fundamentalism.
- c) Various international centers of Conflicts.
 - i] Iraq & Syria. ii] Afghanistan. iii] Iran iv] North Korea.

Unit 1. B- Nuclear and Space Rivalry between States.

- a) U.S.A. versus Russia. b) U.S.A. versus China.
- c) India versus China. d) Role of Nuclear Suppliers Group.

Unit 2. Cyber Security Issues.

- a) Meaning and Concept. b) Cyber Crimes.
- c) Threats to international security. d) Prevention from Cyber Crime.

Unit 3. Human Security Issues.

- a) Meaning and Concept. b) Importance of Human Security.
- c) Types of Human Security – i] Health, ii] Personal, iii] Community.
- d) Threat to Human Security - i] Violence, ii] Migration, iii] Poverty.

Book References –

1. Balan K *The Millennium Thoughts challenges to service*, Author Press, Delhi 2001.
2. Hough Peter, Malik Shahin, *International Security Studies: Theory and Practice*, Routledge Publishers, New Delhi
3. Karn Margaret P. Mingst, *International organization The political & Process of Global Governance*, Viva books pvt. Delhi 2005.
4. Mishra Brijaylaxmi, *United Nations and Security Challenges In New millennium*, Kilaso books, New Delhi 2004.
3. Morgan Patrick, *International Security: Problem & Solutions*, Sage Publishers, New Delhi, 2006.
4. Nayyar K. K. & others, *National Security: Military Aspects*, Rupa Co., New Delhi, 2003.
7. Rogers Paul, *Losing Control: Global Security in the Twenty – First Century*, Heritage Publishers, New Delhi, 2010.
8. Saighal Vinod., *Global Security Paradoxes*, Manas Publications, New Delhi, 2004
9. Shashtri M N, *Introduction to Environment*, Himalaya Publishing house, Mumbai 2005.
10. Subrahmntam K., *Security – India's Future in the New Milinniam*.
11. Vispute D. G., Todkar B. D., Dharmadhikari Madhuri., *Jatik Surakha*, (Marathi), Prashant Publication, Jalgaon, 2015
12. Buzan, Barry and Waever, Ole (eds) (2003) *Regions and Powers : The Structure of International Security*, Cambridge University Press. Cambridge.

Defence and Strategic Studies

T.Y.B.A. Syllabus CBCS Pattern (w. e. f. Sept. 2021)

SEMESTER – VI

DSE-DEF-D-362- Contemporary Study of War and Peace- II (S-3)

Credits – 03 Marks – 60

Clock Hours – 45

Course Outcomes-

- Students would understand the concept, Nature and foundation of collective security.
- They shall be in a position of comprehend Disarmament and Arms control.
- Students would get to understand the concept and nature of contemporary study of Peace Research and also learn the Present & Future Trends of Peace Research.

Unit-1- Collective Security

- a) Introduction b) Meaning, Definitions c) Concept, Nature
- d) Foundation of collective security,
- e) Collective Security and Collective Defence.

Unit-2- Disarmament and Arms Control

- a) Introduction b) Meaning, Definition c) Nature, Types
- d) Arms Race e) Evaluation

Unit-3- Contemporary study and Peace Research

- a) Introduction b) Meaning, Definition c) Concept, Nature
- d) Present and Future Trends of Peace Research.

Book References –

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SEMESTER – VI

DSE - DEF – 363 Military Geography (S-4)

Credits – 03 Marks – 60

Clock Hours – 45

Course Outcomes-

- Students will learn the concepts and relevant attributes of Geo - politics and military geography for national security.
- They would study the Concept and difference between Frontiers and Boundaries, its various types; and they shall be in a position to comprehend strategic policies for a nation state and most especially for India.
- They will develop the knowledge regarding Geo- strategy and understand the importance of Geo- strategy in security.

Unit 1 A. Military Geography

- a) Meaning, Concept.
- b) Definition, Scope.
- c) Objectives.
- d) Importance of Military Geography.
- e) Principle of Military geography.

Unit 1 B. Founders of Military Geography

- a) Admiral A. T. Mahan and his Sea-Power Theory
- b) Prof. Halford Mackinder's Hartland Theory
- c) Dr. Karl Haushofer

Unit 2. Elements of Military Geography Affecting Warfare

- a) Location.
- b) Climate.
- c) Boundaries.
- d) Topography.
- e) Shape & Size.

Unit 3. Impact of Geography on Military Operation

- a) Plain terrain – characteristics, armed forces, weapons, logistics
- b) Desert terrain- characteristics, armed forces, weapons, logistics
- c) Jungle terrain- characteristics, armed forces, weapons, logistics
- d) High altitude terrain- characteristics, armed forces, weapons, logistics
- e) Air and Sea military operations.

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SEMESTER – V

SEC- DEF-364- Defence Production

Credits – 02 Marks – 60

Clock Hours – 30

Course Outcomes-

- Students will enhance the knowledge and skill regarding India's defence research and production.
- They will provide an overview of the progress of India in defence research and defence production.
- They will aware with the advancement and its development in the field of defence research and defence production.

Unit 1 A- Defence Production in India.

- a) Department of Defence Production in the Ministry of Defence
- b) Structures and Functions
- c) Industrial Potential of Expansion of Military Strength
- d) Defence Production Organization

Unit 1 B- Arms and Ammunition Production and Ordnance Factories.

- a) Small Arms
- b) Artillery
- c) Tanks and Combatant Vehicles
- d) Ammunitions

Unit 2- Defence Production Industries in India. (D. P. S. U.)

- a) Electronics Equipments
- b) Engineering Equipments
- c) Fighter Aircrafts
- d) Warship Building

Unit 3- Private Sector in Defence Production in India.

- a) Tata Group
- b) Kalyani Group
- c) Larson & Toubro
- d) Reliance Group
- e) Bharat Forge

Book References –

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SEMESTER – V

GE-DEF-A-365- Disaster Management & Security- II

Credits – 03 Marks – 60

Clock Hours – 45

Course Outcomes-

- Students will understand the concepts of disaster and disaster management.
- They will study the Structure, role and problems of disaster management in India.
- They will assess the India's disaster management mechanism.

Unit 1. A. - Disaster Response forces – (N. D. R. F.)

- a) Introduction and brief history b) Structure and Headquarters
- c) Role in relief d) Evolutions

Unit 1. B. - Disaster Response forces – (S. D. R. F.)

- a) Introduction b) Structure
- c) Role in relief d) Social Support

Unit 2. - Role of Indian Air Force in Disaster Management

- a) Introduction b) Structure
- c) Role in relief work d) Some major Operations

Unit 3. - Role of Indian Army and Indian Navy in Disaster Management.

- a) Introduction b) Structure
- c) Role in relief work d) Some major Operations

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