



MAHARAJA SURAJMAL BRIJ UNIVERSITY
BHARATPUR (RAJASTHAN)

SYLLABUS FOR MILITARYSCIENCE
(UNDER GRADUATE PROGRAMME)

I & II SEMESTER
EXAMINATION (2023-24)

M. J. Singh
18/11/24

[Signature]
डॉ. अरुण कुमार पाण्डेय
उपकुलसचिव
प्रभारी अकादमिक प्रथम

26. MILITARY SCIENCE

SCHEME OF EXAMINATION:

1 credit = 25 marks for examination/evaluation

Notes:

Continuous assessment, in which sessional work and the terminal examination will contribute to the final grade. Each course in Semester Grade Point Average (SGPA) has two components- Continuous assessment (20% weightage) and (End of Semester Examination) EoSE (80%Weightage).

1. Sessional work will consist of class tests, mid-semester examination(s), homework assignments, etc., as determined by the faculty In charge of the courses of study.
2. Each Paper of EoSE shall carry 80% of the total marks of the course/subject. The EoSE will be of 3 hours duration.
 - Part-A of the paper shall have multiple questions of equal marks. This first question shall be based on knowledge, understanding and applications of the topics/texts covered in the syllabus.
 - Part B of the paper shall consist of 4 questions with an internal choice of each. The four questions will be set with one from each of the units with internal choice. Third to fourth questions shall be based on applications of the topics/texts covered in the syllabus (60% weightage) and shall involve solving Problems (40% weightage) if applicable.
3. 75% Attendance is mandatory for appearing in EoSE.
4. To appear in the EoSE examination of a course/subject student must appear in the mid-semester examination and obtain at least a C grade in the course/subject.

Duration	Max. Marks	Min. Pass Marks
1 Hour	Midterm – 20	Midterm - 08
3 Hrs	EoSE - 80	EoSE - 32

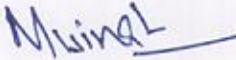
Syllabus

SEMESTER –I (2023-24)

FUNDAMENTAL OF DEFENCE AND STRATEGIC STUDIES

Duration	Max. Marks	Min. Pass Marks
1 Hour	Midterm – 20	Midterm - 08
3 Hrs	EoSE - 80	EoSE - 32


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Mural

UNIT-I

- a) Definition of defence and strategic Studies
- b) Sources of studies
- c) Relation of other subject with defence and strategic studies as—Political Science, Economics, Geography, Psychology, Sociology, History, Science and Technology.
- d) Utility of the subject in present scenario.

UNIT-II

- a) Military system of Vedic and Epic period
- b) Comparative study of Indo-Greek Art of War with special reference to the battle of Hydraspus 326B.C.
- c) Mauryan Military System
- d) Kautilya's Philosophy of War

UNIT-III

- a) Military Systems of the Gupta and Harsh Period
- b) Rajputs and Turk Pattern of Warfare with special reference of the battle of Tarrain(1192A.D.)
- c) Military system of the Mughal period
- d) Third Battle of Panipat (1526A.D.)

UNIT-IV

- a) Military System of Maratha and guerrilla warfare of Shivaji.

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UNIT -IV

- b) Military System of Sikh's of 18th Century
- c) War technology under Maharaja Ranjeet Singh
- d) Reorganization of Indian Army under the Crown.

Books Recommended:

1. Das S T: Indian Military, its History and Development.
2. Majumdar: The Military System in Ancient India
3. Sardesai G S: New History of the Maratha
4. Saxena K M L: The Military System of India
5. Majumdar B N: Military System of the Sikhs
6. Major A. David: Indian Art of War
7. डॉ. एस. एन. राय: भारत का सैन्य इतिहास।
8. डॉ. एस. के. मिश्र: भारतीय सैन्य इतिहास।
9. डॉ. बी. आर. पाण्डेय: सैन्य अध्ययन।
10. डॉ. लल्लन सिंह: भारतीय सैन्य इतिहास।
11. डॉ. सुरेन्द्र कुमार मिश्र: सप्तार के प्रसिद्ध युद्ध।

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PRACTICAL

SEMESTER - I (2023-24) DEFENCE AND STRATEGIC STUDIES

Duration	Max. Marks	Min. Pass Marks
2 Hour	Midterm - 10	Midterm - 04
4 Hrs	EoSE - 40	EoSE - 16

SEMESTER-I

1. Introduction of topography map and its utility in army.
2. Grid system: Four figure reference, six figure reference and eight figure reference.
3. Military and geographical conventional sign.
4. Scale: Simple and time scale.
5. Liquid prismatic compass: Use and its type.

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SEMESTER-II
TITLE OF COURSE
INDIAN MILITARY ORGANIZATION AND ADMINISTRATION

Duration	Max. Marks	Min. Pass Marks
1 Hour	Midterm - 20	Midterm - 08
3 Hrs	EoSE - 80	EoSE - 32

UNIT-I

- a) Organization and role of Indian Defence forces.
- b) Organization, Role, Aim and Importance of Second line of Indian Defence.
- c) National Cadet Corps : Aims, Role, Organization and Importance.
- d) Civil Defence : Aim, Role, Organization and Importance.

UNIT-II

- a) Lesson Learn from Sino -Indo Conflict (1962 A.D.)
- b) Lesson Learn from Indo -Pak War (1965 A.D.)
- c) Lesson Learn from Indo -Pak War (1971 A.D.)
- d) Lesson Learn from Kargil War (1999 A.D.)

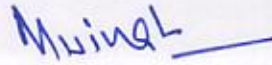
UNIT-III

- a) Head Quarter (H.Q.) and Organization of Indian Army
- b) Fighting Forces and Administrative Institutions
- c) Functions of Indian Army during War and Peace period
- d) Types of tanks in Indian Army

UNIT-IV

- a) Head Quarter (H.Q.) and Organization of Indian Navy and Indian air force.
- b) Operation and Administrative Commands of Indian Navy and Air force.
- c) Modern ships of Indian Navy and modern Aircrafts of Indian Air force.
- d) Functions of Indian Navy and Indian Air force during War and peace period.


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Books Recommended:

1. Indian Arms Forces: Jaswant Singh
2. Indian's Defence Organization and Administration: Brig. Rajender Singh
3. The Naval Defence of India: K. P. Vaidya
4. Air Power in War : Lord Toder Holder
5. Defence Organization in India : H. L. Venkateswaran
6. डॉ. एक. के. मिश्र: राष्ट्रीय रक्षा व सुरक्षा
7. डॉ. एस. के. मिश्र: भारतीय सैन्य संगठन
8. डॉ. बी. आर. पाण्डेय: सैन्य अध्ययन
9. डॉ. लल्लन सिंह: भारतीय सैन्य इतिहास एवं सैन्य संगठन
10. डॉ. हरवीर शर्मा: युद्ध के भौतिक एवं मानवीय तत्व

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PRACTICAL

SEMESTER-II

INDIAN MILITARY ORGANIZATION OF ADMINISTRATION


Duration	Max. Marks	Min. Pass Marks
2 Hours	Midterm- 20	Midterm- 04
4 Hours	EoSE- 40	EoSE- 16

1. Service protector: Use and importance.
2. Bearing and conversion of Bearing.
3. Map setting with the help of compass.
4. Utility of compass.
5. Finding positions on the help.

Note: Practical written test 30 Marks, record and viva voce 10-10 marks each:

Recommended Books:

- 1 सिम्पल मैप रीडिंग- हनुमान प्रसाद
- 2 प्रायोगिक सैन्य विज्ञान- डॉ. एस. के. मिश्र, माडर्न प्रकाशन, जालंधर
- 3 प्रयोगात्मक सैन्य विज्ञान- एम. पी. वर्मा, भारत प्रकाशन मंदिर, अलीगढ़
- 4 प्रयोगात्मक सैन्य विज्ञान- के. एन. श्रीवास्तव, चन्द्रप्रकाश डिपो, हापुड
- 5 एन. सी. सी. प्रैक्टिकल- आर. सी. मिश्र
- 6 Practical Military Science - B.N. Maliwal


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