

# STATUTORY RULES.

1926. No. 179.

## REGULATIONS UNDER THE DEFENCE ACT 1903-1918.

**I**, THE GOVERNOR-GENERAL in and over the Commonwealth of Australia, acting with the advice of the Federal Executive Council, hereby make the following Regulations under the *Defence Act 1903-1918* to come into operation forthwith.

The Regulations for the Royal Military College of Australia (being Statutory Rules 1921, No. 129, as amended by Statutory Rules 1921, Nos. 173 and 183; 1922, Nos. 18, 58, 113 and 124; 1923, Nos. 2, 39, 107 and 172; 1924, No. 132; 1925, No. 98; 1926, Nos. 14, 54, 69, 121 and 167, are repealed as from the commencement of these Regulations, save as to anything lawful done, or any right, privilege, obligation or liability acquired, accrued or incurred thereunder.

Dated this seventeenth day of December, 1926.

STONEHAVEN,  
Governor-General.

By His Excellency's Command,

C. W. C. MARR,  
Acting Minister of State for Defence.

## REGULATIONS FOR THE ROYAL MILITARY COLLEGE OF AUSTRALIA.

### I.—OBJECT OF THE COLLEGE.

1. The Royal Military College of Australia is established under authority of the *Defence Act 1903-1918* to educate candidates for commissions in all arms of the Military Forces of the Commonwealth. *Defence Act 1903-1918 section 147.*

### II.—CONDITIONS OF SERVICE.

2. Only candidates who intend to make the Military Forces their profession in life will be admitted as Cadets to the College. Parents or guardians are therefore not at liberty to withdraw their sons or wards at will.

3. Cadets on joining the College shall be enlisted in the Permanent Military Forces for a term of twelve years, except Cadets who are members of the Permanent Military Forces of the Dominion of New Zealand. Service as a Cadet at the Royal Military College shall be deemed service in the ranks of the Permanent Military Forces of the Commonwealth. *Defence Act section 147A.*

4. Under no circumstances will a Cadet who joins under para. 6 (i) be allowed to remain at the College more than five years, or more than four years if he joins under para. 6 (ii).

5. Commonwealth Cadets on graduation are eligible for promotion to the rank of Lieutenant in the Staff Corps of the Permanent Military Forces of the Commonwealth, if they are reported competent to perform the duties of that Corps. *Defence Act section 148.*

### III.—ADMISSION.

#### *Conditions of Eligibility.*

6. (i) To be eligible for admission to the College as a Cadet, a candidate must—

- (a) at the date of the entrance examination and at the date appointed for joining the College, be free from any disease or the effects of any disease or from any physical defect that would be likely to render him unfit for Military Service ;
- (b) be unmarried ;
- (c) be a natural-born British subject who has resided in the Commonwealth or partly in New Zealand and partly in the Commonwealth or whose parents or guardians have resided in the Commonwealth or partly in New Zealand and partly in the Commonwealth for one year immediately preceding the date of the Entrance Examination or who has been nominated by the Government of the Dominion of New Zealand ; provided that candidates for Commonwealth vacancies or their parents or guardians must be resident in the Commonwealth at the time of the Entrance Examination.
- (d) be of British origin or descent, of which the Minister of State for Defence for the time being shall be the judge ; and owe no allegiance under any law, whether British or foreign, to any foreign power.
- (e) be in his seventeenth, eighteenth, or nineteenth year of age, that is to say, his sixteenth birthday must fall on or before the 1st March in the year in which he joins the College, and his nineteenth birthday must fall after that date ;

(ii) Provided that notwithstanding anything in this Regulation, any member of the Forces\* over the age of nineteen years who passes the prescribed examination and is recommended by the Governor-General in Council may be admitted to the College.

7. Every candidate must furnish with his application for admission—

- (a) a certified extract from the register of his birth ; or, if this cannot be obtained, a certificate of his baptism or other documentary evidence accompanied by a statutory declaration made by one of his parents or guardians before a justice of the peace, stating the exact date of birth ;
- (b) a certificate of good moral character signed by the clergyman of the place of worship he usually attends, or by the head of the school or college at which he has received his education for at least the two preceding years, or in the case of a member of the forces by his commanding officer.

\* Service in Junior or Senior Cadets does not render a candidate who is over 19 years of age eligible under this Regulation.

- (c) A certificate from the District Base Commandant of the Military District in which he resides that he has rendered the personal service required by Part XII. of the *Defence Act* 1903-1918, or has been granted exemption.
- (d) Parents or guardians of a candidate for a Commonwealth vacancy open only to sons of persons who have been on active service abroad in the Royal Australian Navy, the Australian Imperial Force, or the Naval and Military Expeditionary Force in the present war, must furnish a certificate that the candidate is competing for such a vacancy.

*Selection of Candidates.*

8. (i) Vacancies at the College for Commonwealth Cadets under nineteen years of age will be allotted to the States of the Commonwealth on the basis of population, and the candidates from each State will compete among themselves. The number of vacancies will be published in the *Commonwealth Gazette*. Candidates will only be eligible for vacancies allotted to the State in which their parents or guardians have their permanent residence, or, if the parents or guardians are not residents of the Commonwealth, the State in which the candidate has resided for one year immediately preceding the Entrance Examination. Provided that in the event of the number of qualified candidates from any State being less than the number of vacancies allotted to such State, such vacancies will be allotted to qualified candidates from other States in the order of merit approved by the Minister. The order of merit will be determined by adding together the whole of the marks obtained by each candidate in the examination.

(ii) Provided that, when in any year the total number of vacancies for Commonwealth cadets under nineteen years of age does not enable an allotment to be made to the States on the basis of population, the vacancies allotted will be available for competition by candidates irrespective of State of residence.

(iii) Provided also that notwithstanding anything in this regulation, one-fifth of the vacancies allotted annually for candidates under nineteen years of age will normally be set apart irrespective of the State of residence for the sons of persons who served in the South African War 1899-1902 in an Australian Force or who have been abroad on active service in the Royal Australian Navy, the Australian Imperial Force, or the Naval and Military Expeditionary Force, with the condition that no such candidate will be admitted who receives less than half marks in the aggregate of the subjects of the examination. Should less than one-fifth of the candidates qualify under this provision the vacancies remaining will be offered to other candidates who have qualified at the same examination in order of merit. The order of merit will be determined by adding together the whole of the marks obtained by each candidate in the examination.

9. The names of the successful candidates in order of seniority will be published in the *Commonwealth Gazette*.

10. (i) Every candidate over nineteen years of age must at the date of application to attend the Entrance Examination be a member of the forces, and before being admitted to the College as a Cadet must—

- (a) pass the prescribed examination in both military and civil subjects, and the medical examination ;
- (b) be recommended by the Governor-General in Council.

(ii) Before being submitted to the Governor-General in Council, and before the candidate is examined, every application for admission by a candidate over nineteen years of age will be reported on to the Minister by a Board consisting of the Inspector-General and the Commandant of the College, or, should either of these officers not be available, by a Board consisting of—

The Inspector-General or the Commandant of the College and such other officer as may be approved by the Minister.

*Date of Examinations and Admission.*

11. Entrance Examinations for candidates over nineteen years of age will be held once a year, beginning on the third Monday in October, unless otherwise notified in the *Commonwealth Gazette*. Candidates under nineteen years of age will not usually be specially examined, but will be admitted as prescribed on their results at the Public Examinations held by the Universities or Government Departments dealing with Public Education in the several States known as the "Junior" or "Intermediate" and "Senior" or "Leaving" Public Examinations.

The competitive and qualifying subjects required to be taken by candidates in the abovementioned examinations are set out in Appendix IV. and Appendix V. of these Regulations.

Successful candidates will join at the beginning of the Autumn Term.

*Attestation.*

12. (i) Every Commonwealth Cadet shall truly answer the questions on the Form of Attestation, and shall sign the declaration at the foot thereof, and shall take before the Commandant, or an Officer authorized by him, the oath of enlistment set out on such form.

(ii) The Form of Attestation shall be in accordance with the Form in Appendix I. of these Regulations, provided that the Form of Attestation may contain additional matter relating to the Cadet or his service.

(iii) Every member of the Permanent Military Forces of the Dominion of New Zealand nominated by the Government of the Dominion as a Cadet shall before being admitted and enrolled in the Corps of Staff Cadets sign a Form of Entry (Appendix II.).

**IV.—COMMAND.**

13. The College shall, subject to the control of the Military Board, be under the command and administration of a Commandant who shall be an officer of the Military Forces.

14. In the absence of the Commandant the senior Director present will assume command of the College, and in the absence of a Director, the Senior Combatant Officer present. No civil member of the Staff may exercise any Military Command.

15. Units and members of the Military Forces may be attached to, or detailed for duty at the College, and shall be under the command of the Commandant whilst so attached or detailed.

#### V.—ESTABLISHMENT AND ORGANIZATION.

16. The Cadets at the Royal Military College shall form a Corps, designated the "Corps of Staff Cadets." It forms part of the Permanent Military Forces of the Commonwealth. Defence Act  
section 147A.

17. The establishment of the Corps of Staff Cadets shall be as approved by the Military Board.

18. The Corps of Staff Cadets shall be organized in a manner similar to a battalion of Infantry. Military members of the Staff of the College may be allotted for duty as officers of the Corps, such allotment being notified in College Orders.

#### VI.—STAFF.

##### *General.*

19. The establishment of the Staff of the College shall be as approved by the Military Board.

20. (i) The duties of the Staff of the College shall be as approved by the Commandant of the College, and notified in the Standing Orders of the College.

(ii) Military members of the Staff of the College may, with the approval of the Military Board, be detailed for temporary duty other than at the College.

(iii) The duties of a District Finance Officer, as prescribed in Financial and Allowance Regulations 15-21, shall, as far as applicable, apply to the Accountant of the College.

21. The Commandant of the College may appoint officers at the College to be Commanding Officers, for purposes of discipline, of any persons subject to military law who are serving at the College.

22. Cadets may be detailed by the Commandant as Assistant Instructors, and also to perform duty with troops, and whilst so employed may, on the recommendation of the Commandant, be granted temporary commissions as Lieutenants in the Permanent Forces, with the pay and allowances of such rank.

23. (1) The Commandant of the College may, in relation to the suspension of an officer or soldier serving at the College, exercise all the powers of a "formation, &c., commander" within the meaning of the Australian Military Regulations for the time being in force.

(2) The Commandant of the College may order the suspension from duty of any civilian member of the Staff or civilian employee at the College and may remove any suspension so ordered.

*Precedence.*

24. Directors shall rank among themselves according to their rank and dates of commissions, and shall have precedence over other members of the staff. Other military members of the staff shall have precedence according to rank and date of appointment to that rank. Professors shall have precedence as Majors and Assistant Professors and Lecturers as Captains in the Military Forces. Military and civil members of the staff will rank among themselves according to grade and date of appointment to that grade. The Medical Officer has the precedence and privileges of a Captain, or, if a member of the Army Medical Corps, those of his rank in that corps.

25. The seniority of Cadets will be determined as follows:—

- (a) Non-Commissioned Officers according to rank and date of appointment to that rank, and to be senior to all other Cadets.
- (b) Cadets on joining take seniority according to their position in the entrance list, and subsequently according to precedence of their classes and their position in these classes as determined by the aggregate of marks they may have obtained at the College from the date of joining to the termination of their last annual examination.
- (c) Cadets on leaving according to the aggregate of all marks gained while at the College.

Provided that for the purpose of determining seniority, marks gained by a Cadet during a year at the end of which he was not advanced to a higher class shall not be included in his aggregate of marks.

Provided further that cadets who are admitted by regulation for a shorter course than four years will be allotted seniority among those classified under sub-*paras.* (b) and (c) by comparing their marks gained since joining with the marks of their class for the same period.

**VII.—THE INSTRUCTIONAL STAFF.**

26. Any member of the Instructional Staff, when required, shall assist in any other Department of Instruction.

27. Civil members shall give instruction in their several departments, conduct such examinations as may be prescribed, and take such share in the administrative work of the College as may be assigned to them.

28. Members of the Instructional Staff are responsible for the regular and orderly conduct of their respective classes, or sections, while under their immediate instruction. They are accountable for all books, instruments, and apparatus that may be issued to them.

29. Civil members shall devote the whole of their time, except when on leave, to the work of their respective departments, and not, without the special permission in writing of the Minister, any other profession or business.

30. (1) Members of the civil teaching staff at the College shall be appointed by the Governor-General.

(2) The appointment of a member of the civil teaching staff at the College appointed after the commencement of this regulation shall be on probation for twelve months, and shall, on the expiration of that period, be terminated unless sooner confirmed.

31. (1) A member of the civil teaching staff at the College may resign his appointment by giving six months' notice in writing under his hand to the Commandant of the College.

(2) The appointment of a member of the civil teaching staff at the College may, on the recommendation of the Commandant of the College, be terminated at any time for inefficiency in the performance of his duties, for physical unfitness or for misconduct.

32. (1) Subject to this regulation members of the civil teaching staff at the College shall retire on reaching the age of sixty years.

(2) A Professor of the civil teaching staff at the College, who has attained the age of sixty years, may, if certified on each occasion by the Commandant to be efficient and capable in every respect of performing the duties of his office and by a medical officer to be medically fit for those duties, be permitted by the Governor-General to continue in office for successive periods, not exceeding twelve months at one time, until he attains the age of sixty-two years.

33. No member of the Staff is to prepare a candidate for admission to the College, or to give private instruction on payment to any Cadet, either during the vacation or at any other time.

34. Civil members may be appointed members of Committees and Boards

#### VIII.—ALLOWANCES AND CONTRIBUTIONS.

35. No fees will be charged for equipment or instruction or maintenance of Cadets.

36. The following charges will be admitted against the public and credited to Cadets' accounts after they have joined, provided that travelling expenses on joining may be refunded to parents :—

- (a) Travelling expenses, at the rate prescribed in subparagraph (d) of this Regulation, within the Commonwealth between their parents' or guardians' residences and the College on first joining.
- (b) Outfit allowance—£30 on joining.
- (c) Maintenance allowance of five shillings and sixpence (5s. 6d.) per diem to cover the cost of uniform and clothing, books, instruments, messing, washing, and other approved expenses, but this allowance is not intended to meet the cost of dental or medical operations and attendance by Civil Practitioners incurred by a Cadet while rusticated or absent on leave or sick leave, nor will such charges be admissible against the public.

Provided that where it is proved to the satisfaction of the Minister that the allowance of 5s. 6d. per diem is, in any financial year, insufficient to cover the

charges abovementioned an allowance not exceeding 7s. 6d. per head per diem may be approved to apply during the financial year in which the increased charges are effective.

- (d) Travelling Allowance—6s. per diem, and when sleeping accommodation is not provided, actual expenses incurred therefor may be paid in addition.

37. Cadets' accounts will be adjusted once a quarter. The amount, if any, by which a Cadet has exceeded his allowance must be made good by his parent or guardian. If this payment is thirty days overdue, the Cadet may be removed from the College. No Cadet is entitled to receive any balance which may be due to him until he has been discharged. In the event of a Cadet being discharged during his first year of service the amount of the unexpended portion of his outfit allowance, as determined by the Commandant, may be deducted from the balance to his credit.

38. (i) If a Cadet is absent from the College owing to sickness during a portion of a term, his maintenance allowance shall continue to be issued and credited to his account, except in the case of Cadets who are—

- (a) discharged as medically unfit while on sick leave or at the termination of sick leave:  
 (b) not advanced to a higher class through absence due to sickness or other cause.

(ii) Maintenance allowance will not be issued for any period of absence—

- (a) on leave or sick leave during which a Cadet dies or resigns;  
 (b) due to sickness between the termination of a Cadet's leave and the date of his rejoining the College.

39. If a Cadet is rusticated or removed, his maintenance allowance shall cease from the date of such rustication or removal.

40. The maintenance allowance of any Cadet who is absent without leave may be stopped for the period of absence.

41. No Cadet is permitted to receive money, or any other supplies, from his parents or guardians, or any person whomsoever, without the sanction of the Commandant.\*

42. Cadets may be required to contribute to Sports Funds, and such contributions may be a charge against their accounts.

#### IX.—DISCIPLINE.

43. Visitors to the College or to any person on the establishment shall conduct themselves in such a way as not to conflict with the discipline, Regulations, and Orders for the government of the College. Those whose conduct is deemed unsatisfactory may be removed.

\* A most rigid observance of this order is urged upon all parents and guardians, as its violation would make distinctions between Cadets, which it is particularly desired to prevent.

44. Cadets are subject to the Defence Act and Regulations thereunder (where not contrary to these Regulations), and to such Regulations and Orders as may be from time to time established for the maintenance of good order and discipline at the College.

*Punishments.*

45. The Commandant may sentence a Cadet guilty of misconduct—

- (a) to be expelled,
- (b) to be removed,
- (c) to be rusticated,
- (d) to lose places on the list of successful candidates for commissions.

A cadet should not be expelled, removed or rusticated under this regulation except with the approval of the Military Board.

46. Expulsion will only be inflicted for dishonorable or immoral conduct or for a serious breach of discipline. It shall render a Cadet ineligible for further service in the Permanent Military Forces of the Commonwealth. The name of any Cadet expelled and the cause of his expulsion will be recorded in the Defence Department, and will be made known to the Commonwealth Public Service Board of Commissioners.

47. Every Cadet is also liable to the following punishments, which may be awarded either severally or conjointly :—

- (a) Reduction in rank.
- (b) Close arrest, not exceeding seven days.
- (c) Confinement to barracks, not exceeding 28 days.
- (d) Stoppage of leave not exceeding 84 days.
- (e) Reprimand and severe reprimand.
- (f) Extra duty and extra drill.
- (g) Answering name at all roll calls.
- (h) Loss of marks.
- (i) Fines sufficient to make good any expense caused by him, or for loss or damage or destruction done by him to any arms, equipment, clothing, instruments, regimental necessaries, or buildings, or property.

48. The Commandant may delegate power—

- (a) to members of the Staff to award punishments to Cadet Non-Commissioned Officers and to Cadets ;
- (b) to Cadet Non-commissioned Officers to award to Cadets, when no officer is present, extra drills, and to order them to attend all roll calls.

*Miscellaneous.*

49. No person belonging to the College is to accept a present from any Cadet or from a relation or friend of a Cadet. A Warrant Officer or Non-Commissioned Officer or employee who accepts a present is liable to be removed or discharged, and the Cadet giving it punished for disobedience of orders.

50. Cadets are not permitted to offer a present to any person belonging to the College or to the near relation of any such person

51. Cadets are to salute all Officers in uniform and those whom they know to be Officers when not in uniform. They will also salute the College Professors and Lecturers.

52. Cadets are to appear at all times in uniform, except when exempted by the Commandant or when undergoing the punishment of rustication.

53. No Cadet is permitted to marry while on the establishment of the College. Violation of this regulation will entail dismissal.

54. No Cadet, when within the Federal Territory, or when absent on duty from the College, or when in uniform, shall drink any spirituous or intoxicating liquor, or bring or cause the same to be brought within the College, or have the same in his room, tent, or otherwise in his possession.

55. Any Cadet found drunk or under the influence of intoxicating liquor may be dismissed.

56. Cadets may not enter, without permission in writing, any place, public or private, where intoxicating liquors are sold or disposed of, nor any billiard-room, theatre, concert, ball-room, or place of entertainment in Canberra, Queanbeyan, or elsewhere in the vicinity of the College.

57. Gambling, lotteries, and raffles are strictly prohibited. They are serious offences which will be severely punished.

58. Smoking may be permitted during certain hours and in authorized places. The smoking of cigarettes is at all times prohibited. A Cadet found in possession of cigarettes is liable to punishment for disobedience of orders.

59. Cadets are on no account to have in their possession fireworks or explosives, or any description of firearms or other weapons not issued to them by proper authority.

60. No Cadet is allowed to keep a dog or other animal or to ride at race meetings

#### X.—REMOVAL AND RESIGNATION.

61. Every Cadet is liable to removal—

- (a) for moral or physical unfitness ;
- (b) for unsatisfactory progress in his studies or physical exercises ;
- (c) if reported as not likely to become an efficient Officer ;
- (d) for prolonged absence due to sickness.

62. A Cadet's resignation will not be accepted except under very special circumstances, and then only after the payment of £50 in his first year of service, £75 in his second year, £100 in his third year, and £125 in his fourth year.

#### XI.—INSTRUCTION.

63. The normal length of the Course of Instruction for Cadets will be—

- (a) four years, divided into eight terms for those who join under para. 6 (i) ;
- (b) three years, divided into six terms for those who join under para. 6 (ii).

But, whenever the demand for Officers requires it, the course may be shortened by one or more terms.

64. (i) The terms will be—

*Autumn Term.*—From about the 12th February to about the 26th June.

*Spring Term.*—From about the 3rd July to about the 10th November.

On conclusion of the Spring Term the Annual Examination will be held, after which Cadets will go into Camp for about four weeks.

(ii) Sixteen complete weeks will be devoted to instruction, exclusive of examinations, in each term. Terms will be divided into periods each of eight weeks

65. The subjects forming the ordinary Course of Studies will be organized as below :—

	Military Departments.	Civil Departments.
Co-ordinated by a Director.	1. Military Art (including Strategy and Military History and Geography).	1. Mathematics (Pure and Applied and Theoretical Astronomy).
	(a) Tactics of all Arms (including the Employment of Small Arm, Machine Gun, and Field Artillery Fire. Application of Field Engineering).	2. Physics.
	(b) Technical Military Engineering (including Permanent Fortification, Surveying, and Practical Astronomy).	3. Chemistry.
	(c) Map Reading and Field Sketching.	4. English.
	2. Artillery (Technical, Field, and Coast Artillery).	5. Modern Languages (French, German and Japanese).
3. Military Law.	6. Geometrical Drawing and Solid Geometry.	
4. Military Administration.	7. Sanitation, Hygiene, and First Aid.	
5. Drill, Musketry, Physical Training, Signalling, Riding and Driving.	8. Manual Training.	

66. For purposes of instruction, Cadets will be organized in four classes corresponding to the four years of study. Cadets employed in the first year's course shall form the Fourth Class, those in the second year's course the Third Class, those in the third year's course the Second Class, and those in the fourth year's course the First Class.

67. Cadets will be advanced from one class to another at the commencement of the Autumn Term.

68 (i) A "Board of Studies" shall be appointed to advise and when required to report upon the following matters :—

- (a) The Text Books for use in each Department, and the Maps, Models, and Apparatus required for purposes of instruction.
- (b) The Syllabus of the Entrance Examinations for candidates over 19 and of Instruction and the Time-Table of Studies.
- (c) The marks to be allotted to each subject.

(d) Every case of a Cadet recommended for removal on account of unsatisfactory progress in studies.

(e) Any similar matter the Commandant may direct or approve of being brought before it.

(ii) The Directors and Professors shall be *ex officio* members of the Board. Assistant Professors, Instructors, and Lecturers may be appointed members of the Board. The Commandant when present will preside at meetings of the Board, and in his absence the Senior Officer present. The Adjutant will be the Secretary.

69. The Entrance Examinations for candidates under 19 years of age shall be conducted by Outside Examiners, and the November Examinations in Mathematics, Physics, Chemistry, English, and Modern Languages shall be conducted by Outside Examiners in conjunction with the Professors.

#### XII.—LEAVE.

70. The Commandant is authorized to grant leave---

(a) to all persons on the establishment at such times as the good of the service will permit ;

(b) to members of the staff, whose services can be spared, for the entire period of the suspension of the ordinary Academic Studies ;

(c) to Cadets in the leave period between the Annual Camp Training and the commencement of the Autumn Term ;

(d) to Cadets whose conduct justifies the indulgence of short leave between Autumn and Spring Terms.

#### XIII.—GENERAL.

71. The Commandant is authorized to issue such Standing and Routine Orders and Instructions as he may deem necessary provided that they are not opposed to anything contained in the Defence Act or these Regulations.

72. The Commandant will submit to the Minister in September of each year a report to be laid before Parliament.

73. The Commandant is authorized—

(a) To approve of all requisitions for supplies for the conduct and maintenance of the College within the votes on the Estimates which are governed by regulations.

(b) To approve of expenditure under the divisions or subdivisions of any vote for the College, provided that he has satisfied himself that funds are available, that the requirements for the remaining period of the financial year will not involve the necessity for applying for additional funds on any vote concerned ; that there is nothing irregular in the character of the expenditure, and that it is not an allowance or payment to any Cadet or member of the College Staff except such as is governed by regulations and does not require Ministerial approval. No new vote or

item shall be operated on or expenditure incurred in connexion therewith without approval from Headquarters, until such vote or item has been passed by Parliament.

- (c) To approve of the payment of claims for overtime or Sunday pay provided that such are in order and correct in every particular.
- (d) To appoint and engage and discharge, dismiss or remove all temporary civilian employees.
- (e) To assign quarters.
- (f) To reduce the rates of Travelling Allowances payable under Financial and Allowance Regulations or disallow any claim when the circumstances appear to justify such a course.

74. (i) Warrants for first class fares on coastal steamers and for second class fares on railways may be issued to Cadets travelling on duty and on leave between the Spring and Autumn terms and will be a charge to the public. Provided that the Commandant may authorize, where necessary, the issue of Warrants for sleeping berths and first class rail fares at night.

(ii) Warrants issued to Cadets travelling to their homes after being expelled, dismissed, removed, or rusticated, will not be charged to the public, but may be charged against their accounts.

75. Cadets are liable to be medically examined at any time.

76. The names of the most distinguished Cadets, not exceeding five in each class, as determined by the aggregate of marks gained during the previous Academic Year, shall be inserted in the Army List of the Australian Military Forces.

77. All official correspondence to or from persons on the establishment of the College is to be addressed to the Commandant.

78. Australian Army Orders will be the medium of communicating information respecting the College to the Military Forces generally.

79. (i) Persons employed in a civil capacity at the College, except those appointed by the Governor-General in Council, shall sign a form of engagement in accordance with the Form in Appendix III.

(ii) The services of any person employed in a civil capacity at the College, except those appointed by the Governor-General in Council, may be dispensed with at any time without notice.

(iii) No person employed in a civil capacity shall be entitled to receive any pay or allowance while suspended for an offence of which he is afterwards found guilty, or for any period of absence without leave.

(iv) The value of any stores or other property lost or damaged, either wilfully or by neglect, may be stopped from the wages of an employee.

80. All persons on the establishment of the College are subject to these Regulations and such other Regulations and Orders as may be from time to time issued for the good order and discipline of the College, provided that civilians be not subject to Military Law.

81. (i) The Commandant, or any person authorized by him in that behalf, may issue orders or directions for regulating the use by any person of any roads or ways in or on the grounds of the College or which pass through the grounds of the College.

(ii) Orders or directions issued in pursuance of this regulation shall be posted up in a conspicuous manner at such places on or near to the roads or ways to which they relate as the Commandant or other person issuing the orders or directions thinks fit.

(iii) Any person who fails to comply with any order or direction issued in pursuance of this regulation, or who, without authority (proof whereof shall lie upon him), destroys or defaces or interferes with any order or direction posted up in pursuance of this regulation shall be guilty of an offence. Penalty: Ten pounds.

(iv) Every order or direction posted up for the time being on or near to any such road or way shall be deemed to have been lawfully issued and in any prosecution for an offence against this regulation no evidence of the making of such order or direction need be given other than evidence that an order or direction is as a fact so posted up.

#### **XIV.—FINANCIAL REGULATIONS APPLICABLE TO R.M.S. STAFF ONLY.**

82. The following shall be the rates of pay of the civil staff at the College :—

<i>Rates of Pay.</i>	
Professors .. .. .	£675—£800 per annum. 4 biennial increments of £25 ; 1 additional increment of £25 after twelve years' service as Professor.
Lecturers or Assistant Professors	£550—650 per annum. 3 biennial increments of £25 ; 1 additional increment of £25 after 10 years' service as Lecturer or Assistant Pro- fessor.

#### *Allotment and Occupation of Quarters.*

83. (i) Unmarried Officers of the Staff and unmarried civilian members of such Staff having the relative rank of Officers appointed prior to the 1st August, 1922, will be granted free single quarters. Married members will be granted free married quarters, or when such are not available, an allowance of 5s. per diem in lieu.

(ii) Unmarried Warrant and Non-Commissioned Officers of the Staff appointed prior to the 1st August, 1922, will be granted free single quarters. Married members appointed prior to the 1st August, 1922, will be granted free married quarters, or when such are not available, an allowance of 3s. per diem in lieu.

(iii) Members of the Staff appointed on or subsequent to the 1st August, 1922, will be subject to similar deductions for quarters occupied as are prescribed in F. and A. Regulation 45, but no allowance shall be payable if quarters are not available or not occupied by them. Provided that in special circumstances the Minister may reduce or waive the amount to be so deducted.

84. In these Regulations—

“ Cadet ” means Staff Cadet at the College, and includes Staff Cadet, Warrant, and Non-Commissioned Officers.

“ The College ” means the Royal Military College of Australia.





## APPENDIX IV.

(i) INSTRUCTIONS FOR THE GUIDANCE OF CANDIDATES FOR ENTRANCE TO THE ROYAL MILITARY COLLEGE OF AUSTRALIA (CANDIDATES UNDER 19).

1. Forms of application for admission to the Royal Military College (A.M. Form K 1) for use by candidates under 19 years of age can be obtained from the District Base Commandant of any State in the Commonwealth. The covering letter and Part I. of the Form must be filled up in the candidate's handwriting.

2. Candidates will address their applications for admission to the College to the District Base Commandant of the State in which their parents or guardians reside. District Base Commandants before forwarding applications must satisfy themselves that the candidates are eligible.

3. (i) Successful candidates, before being accepted as Cadets, will be required to pass the medical examination, and be certified as fit by the medical boards appointed for that purpose. Regulations for the guidance of medical boards are contained in Appendix VI.

(ii) *It is desirable that all candidates who intend to apply for entrance to the College should cause themselves to be thoroughly examined by a competent physician. By such examination any serious physical disqualification would be revealed. It must be clearly understood that the informal examination herein recommended is solely for the convenience and benefit of the candidate himself, and can in no way be recognised by the Official Examiners.*

4. District Base Commandants will make all the necessary arrangements for the medical examination of candidates by boards of medical officers approved by the Director-General of Medical Services. The Commandant, Royal Military College, will arrange with District Base Commandants for the holding of the medical examinations usually after the order of merit has been decided. Candidates selected for medical examination will normally be examined at the capital city of the State.

5. The following forms will be used in connexion with entrance to the College:—

- A.M. Form K 1. Application for admission to the R.M.C.  
A.M. Form A 23. Proceedings of a Board.

(ii) SYLLABUS FOR CANDIDATES UNDER 19 YEARS OF AGE.

1. To qualify a candidate must obtain a pass or higher certificate in the following subjects:—

- (a) English.  
(b) Mathematics, including Geometry and Algebra.  
(c) A modern language, either French, Japanese, or German.  
(d) Two other subjects.

2. The above subjects must be passed at the Public Examinations for the "Leaving" or "Senior" and "Intermediate" or "Junior" certificates at any time prior to entering the College. The order of merit will be decided by the total marks gained in (a), (b), (c), and (d) passed at any one examination at the "Intermediate" or "Leaving" provided always that subjects taken at the "Leaving" and "Senior" shall rank before those taken at the "Intermediate" or "Junior" examinations.

3. Subjects (d) will include any two of the following:—

- History,  
Geography,  
Latin,  
Greek,  
French,  
Japanese, } if not selected under subject (c).  
German,  
Trigonometry,  
Mechanics,  
Physics,  
Chemistry,  
Geometrical Drawing,  
Geology.

4. The Commandant, Royal Military College, may at his discretion recommend that a candidate who has passed in four subjects and has failed in a fifth be accepted as having qualified provided that the sum of his marks in the five subjects is equal to the aggregate of the marks required for a pass in each of those subjects.

## APPENDIX V.

(i) INSTRUCTIONS FOR THE GUIDANCE OF CANDIDATES OVER 19 YEARS OF AGE.

## GENERAL.

1. Forms of application to attend the competitive examination for admission to the Royal Military College (A.M. Form K.I. (a) ) can be obtained from the District Base Commandant of any State in the Commonwealth. Candidates will forward their applications through their Commanding Officers.

2. It is desirable that all candidates, before leaving their places of residence for the place of examination, should cause themselves to be thoroughly examined by a competent physician and by a teacher in good standing. By such examinations any serious physical disqualification or deficiency in mental preparation would be revealed. It must be clearly understood that the informal examination herein recommended is solely for the convenience and benefit of the candidate himself, and can in no way be recognised by the Official Examiners.

3. District Base Commandants of States will—

- (a) Inform the candidates in their respective States when and where the examinations will be held, and the hours of attendance.
- (b) Make all the necessary arrangements for the medical examination of candidates by Boards of Medical Officers approved by the Director-General of Medical Services.
- (c) Make all necessary arrangements and appoint Boards of Officers to conduct the practical examination.
- (d) Appoint Boards of Officers to supervise the written examinations.
- (e) Arrange for a sufficient supply of all forms, books, tables of logarithms, drawing paper, boards and tee squares, and copies of these regulations being at the disposal of the Boards concerned.

4. Arrangements will be made by the Commandant of the Royal Military College for setting questions and marking answers. Questions will be set and answers marked by the Board of Studies. The papers will be forwarded in sealed packet to the District Base Commandants of States for issue to the Presidents of the Boards appointed to supervise the written examinations. These packets are only to be opened as directed in para. 9.

5. (i) The following Forms and Book are to be used in connexion with the written examinations :—

Designation.	Purport.	How disposed.
A.M. Form K 1a ..	Application to attend the Examination	
„ K 2 ..	List of Candidates .. ..	Attached to Proceedings of Board
„ K 3 ..	List of Index Numbers ..	Attached to Answers
„ K 4 (a) ..	Attendance List .. ..	Attached to Proceedings of Board
„ K 5 ..	Certificate from Candidate ..	„ „ „
„ K 6 ..	Certificate from Board ..	„ „ „
„ K 7 ..	Result of Physical Examination	„ „ „
„ A 23 ..	Proceedings of Boards	
A.M. Book 24 ..	Candidates' Answers	
Drawing paper ..	„ „	

(ii) The result of the practical examination of candidates will be recorded in the same manner as the result of promotion examination. Reports of Boards will be forwarded direct to the Commandant, Royal Military College, Duntroon, Federal Territory.

## BOARDS.

6. Officers appointed to superintend the written examinations are to bear in mind the great importance of strict adherence on their part, and on that of the candidates, to the rules which have been framed for the conduct of the examination, in order that strict justice may be done to all in the competition. Irregularity on the part of either members of the Board or of a candidate may entail the disqualification of the candidate.

7. At least two members of the Board must always be present during the examination, and strictly attend to the duty of proper supervision.

8. No member of the Board may on any account give any opinion to a candidate as to the meaning or correctness of any word or sentence contained in the examination papers. Silence must be maintained in the room.

9. The sealed packets containing the examination questions are not to be opened by the President of the Board until the time fixed for the examination in the subject concerned, and then only in the presence of the candidates.

10. (i) The worked papers should be arranged in the order of the Attendance List (A.M. Form K 4a), immediately on the conclusion of each sitting, and sealed in one or more of the special envelopes provided for that purpose.

(ii) Each packet should contain a list of the Index Numbers [A.M. Form K 3 (without names)] of candidates at the examination to which the papers in it refer. No other papers should be enclosed in the packet.

(iii) The President (or senior member of the Board) will not allow the envelopes out of his possession, but he will, after ascertaining that they are securely fastened and sealed, place them in a second envelope, and register and transmit them himself on the day of the examination to the Commandant, Royal Military College, Duntroon, Federal Territory. Seals on the inner envelope must bear no indication of the place or State in which the examination was held.

11. (i) The proceedings of the Board will be recorded on A.M. Form A 23. The proceedings must state :—

- (a) In the form of a table the periods of attendance in the examination room of each member of the Board at each sitting.
- (b) Whether the packets containing the examination questions were received with the seals intact or otherwise.
- (c) The number of packages containing candidates' answers and dates of posting each.

(ii) The proceedings should be forwarded to Commandant, Royal Military College, Duntroon, Federal Territory, accompanied by the certificates and documents mentioned below :—

- (a) List of candidates examined, with their signatures and addresses. (A.M. Form K 2.)
- (b) The Attendance List (A.M. Form K 4a), marked up as directed thereon.
- (c) A certificate signed by each candidate that he has not received or given any assistance during the examination. (A.M. Form K 5.)
- (d) Certificate on A.M. Form K 6.
- (e) A list of candidates who were permitted to withdraw, or who absented themselves from the examinations, giving the reasons for their so doing.
- (f) The result of the Physical Examination, Form K 7 (see para. 7, Appendix VI.).

#### ORDER OF EXAMINATION.

12. The following will be the order of the written examination for candidates, from which no deviation can be permitted :—

Day.	Morning.	Afternoon.
	From 9.30 a.m. to 12.30 p.m.	From 2.30 p.m. to 5.30 p.m.
1st Day	English.	Algebra and Geometry.
2nd Day	Dynamics and Statics.	Trigonometry.
3rd Day	Physics.	Geometrical Drawing.
4th Day	Chemistry.	1st Paper, Tactics, Military Engineering, and Map Reading.
5th Day	2nd Paper, Tactics, Military Engineering, and Map Reading.	Modern language.

## CANDIDATES.

13. On the first day of the written examination candidates will report themselves half-an-hour before the time stated in the table in the last paragraph to receive and sign for their Index Numbers, and to be allotted seats by the Board.

14. On the assembly of the Board after the candidates have been allotted their seats and Index Numbers, the President, or, in his absence, the senior member of the Board, will read to the candidates paras. 15 to 21 inclusive and para. 8 of this Appendix.

15. Each candidate will be given a number which he will write on his paper of questions, and on every A.M. Book 24 containing his replies. This number will be that placed opposite to his name on the List of Candidates, A.M. Form K 2, which will be submitted for his signature and address. *The name of a candidate must on no account appear on his papers.* Any infraction of this Regulation will disqualify the Candidate.

16. Candidates while under examination are to be placed at least 6 feet apart in all directions, and must maintain that distance during the whole examination. Candidates will not be allowed to select their seats, but a seat will be assigned to each. Candidates will retain the same seats throughout the examination, unless the Board makes any change. Each candidate must keep his papers close beside him on his table, and must not place any on the floor.

17. Candidates must bring with them their pens, pencils, indiarubber, and drawing instruments, but will not be permitted to bring any book or paper of any description into the room. Copies of A.M. Book 24 will be supplied to the Board, and the Board will issue to each candidate the number of books he requires. These must be returned to the Board complete, at the close of the examination in each subject. *Candidates should state on each A.M. Book 24 (in the space provided for the purpose) how many copies of that Book have been used at the sitting.* Candidates may be allowed to take away their papers of questions provided no work has been done on them. For the Geometrical Drawing Examination, sheets of drawing paper will be used in place of copies of A.M. Book 24, and the foregoing instructions will apply as in both cases.

18. During the examination, candidates will not be permitted to speak to each other, or to communicate with any person in the room, except a member of the Board. Each candidate, at the close of the examination, will hand in to the Board a written certificate (A.M. Form K 5) that he has "not received any assistance from books or notes, and has not given or received help of any kind during the examination."

19. Any candidate detected in the examination room in the possession of a book or MS., brought with him for assistance, or in copying from the papers of another candidate, or in permitting his own papers to be copied, or in attempting to give or receive assistance of any description, will be disqualified; his examination will be discontinued and the circumstance reported.

20. The examination papers are to be distributed to candidates, and the replies handed in to the Board punctually at the appointed hours. Any candidate who may have finished his replies before the hour named may deliver them into the hands of a member of the Board.

21. Candidates may not leave the room during the hours of examination without finally giving up their papers. No candidate will be allowed to give up his papers and leave the room within the first half-hour, and no candidate who shall arrive after any other candidate has left may be admitted to the examination room.

## FORMS USED IN THE EXAMINATION.

A.M. Form K 2.

(To be attached to the Proceedings of the Board.)

## EXAMINATION FOR ADMISSION TO THE ROYAL MILITARY COLLEGE OF AUSTRALIA.

## LIST OF CANDIDATES OVER NINETEEN YEARS OF AGE.

Place of Examination

Date.

Name of Candidate.	Index Number.	Candidate's Signature and Address.

Signature of President of Board—

Date



## A.M. Form K 5.

(To be attached to the Proceedings of the Board.)

**EXAMINATION FOR ADMISSION TO THE ROYAL MILITARY COLLEGE OF AUSTRALIA.****CERTIFICATE FROM CANDIDATE UNDERGOING EXAMINATION.**

Place of Examination

Date

I hereby certify that I have not received any assistance from books or notes, and have not given or received help of any kind during the examination.\*

Signature of Candidate

\* To be in the handwriting of the candidate (see paragraph 13 of this Appendix)

## A.M. Form K 6.

(To be attached to the Proceedings of the Board.)

**EXAMINATION FOR ADMISSION TO THE ROYAL MILITARY COLLEGE OF AUSTRALIA.****CERTIFICATE BY THE BOARD.**

Place of Examination

Date

We hereby certify that—

- (a) During the examination the candidates were placed at least 6 feet apart in all directions.
- (b) Two members of the Board were present during the entire examination.
- (c) The prescribed order of subjects and hours was observed.
- (d) None of the candidates received any assistance during the examination from books, notes, or other sources in answering the questions.
- (e) The papers were withdrawn at the expiration of the prescribed time for each paper.
- (f) And in all other respects the instructions for the guidance of the Board have been strictly complied with.

President.

} Members.

## A.M. Form K 7.

(To be attached to Proceedings of Board appointed to Supervise the Written Examination.)

**EXAMINATION FOR ADMISSION TO THE ROYAL MILITARY COLLEGE OF AUSTRALIA.**

Result of the Medical Examination (see Appendix VI., para. 7).

**CANDIDATES OVER NINETEEN YEARS OF AGE.**

Date of Examination.	Names of Candidates passed as physically fit.	Date of Examination.	Names of Candidates rejected as physically unfit.

Place.

President.

Date.

Members.

(ii) SYLLABUS FOR CANDIDATES OVER NINETEEN YEARS OF AGE

(Admitted under paragraph 6 (ii) of these Regulations.)

## SUMMARY OF SUBJECTS AND ALLOTMENT OF MARKS.

Subject.	Marks.
<b>DIVISION I.—MILITARY SUBJECTS—</b>	
1. Tactics .. .. .	150
2. Military Engineering .. .. .	100
3. Map Reading, Field Sketching, and Surveying .. .. .	150
<b>DIVISION II.—DRILLS AND EXERCISES—</b>	
4. Drill .. .. .	150
5. Small Arms Training .. .. .	160
6. Signalling .. .. .	60
<b>DIVISION III.—CIVIL SUBJECTS—</b>	
7. Mathematics .. .. .	400
8. Physics .. .. .	200
9. Chemistry .. .. .	100
10. English .. .. .	200
11. Geometrical Drawing .. .. .	100
12. A Modern Language, French, Japanese, or German .. .. .	200

A candidate must obtain half marks in each subject to qualify.

The examination in Divisions I and II will be set from the latest editions of the official manuals. The subject-matter will be that contained in the sections quoted below from the current editions

**DIVISION I.—MILITARY SUBJECTS.**

The examination in this Division will be conducted indoors, and papers will be set on the subjects, either separately or combined.

In all three subjects candidates will be required to illustrate their answers by the regulation conventional signs, and by sketches drawn to scale. Marks will be given for draughtsmanship. Sketches, &c., will be executed in pencil and coloured chalks.

Subject.	Marks.
<b>1. TACTICS</b> .. .. .	150
The subject-matter contained in Infantry Training, Volume II., War 1926, and in Field Service Regulations, Volume II., Operations 1924, Chapters I., II., III., VI., VII., XII., and XIII., or corresponding matter contained in any subsequently issued manuals	
<b>2. MILITARY ENGINEERING</b> .. .. .	100
The subject-matter contained in the Manual of Field Works (all Arms), 1925, (provisional), Chapters I., II., III., IV., V. (less sections 28 and 29), VII., VIII., IX., X., XI., XII., XIII., or corresponding matter contained in any subsequently issued manuals.	
<i>N.B.—Omit Appendices.</i>	
<b>3. MAP READING, FIELD SKETCHING, AND SURVEYING</b> .. .. .	150
The subject-matter contained in the Manual of Map Reading and Field Sketching, 1921, Chapters I., II., III., IV., V., VI., VII., VIII., IX., X., XI., XII., XIII., XV., XVI., XIX., XX., XXI., XXII.	

## DIVISION II.—DRILLS AND EXERCISES.

The examination in this Division will be conducted practically and by oral questions.

In addition to giving the words of command, the candidate will be required to give the explanation of the exercise to be performed in detail in a clear and concise manner.

He will also be required to correct all mistakes made by the unit being exercised in drill, &c., and to explain the correct action.

Subject.	Marks.
<b>4. DRILL</b> .. .. .	150
At least two questions will be asked on each of the following sub-heads :—	
<i>Infantry Training</i> , Volume I., Training 1922 (provisional)—	
(a) Squad Drill—with and without arms ;	
(b) Platoon Drill ;	
(c) Company Drill ;	
(d) Guards	
<i>or corresponding matter contained in any subsequently issued manual.</i>	
<b>5. SMALL ARMS TRAINING.</b> .. .. .	160
Subject-matter contained in <i>Small Arms Training</i> , Volume I., 1924, with amendments :—	
(a) Chapter I., sections 11–28, omitting Trajectory and Range Tables ;	
(b) Chapter II., sections 38–66, sections 67–69,	
<i>or corresponding matter contained in any subsequently issued manual.</i>	
<b>6. SIGNALLING</b> .. .. .	60
Subject-matter contained in <i>Signal Training</i> , Part I., Visual Telegraphy, 1919—	
(a) Sending and Reading Semaphore, eight words a minute ;	
(b) Small Flag (Morse), six words a minute ;	
(c) Large Flag Drill ;	
(d) Knowledge of the Message Form	
<i>or corresponding matter contained in any subsequently issued manual.</i>	

## DIVISION III.—CIVIL SUBJECTS.

Subject.	Marks.
<b>7. MATHEMATICS</b> .. .. .	400
<b>(a) Algebra</b> .. .. .	100
Text-book :— <i>Elementary Algebra</i> (Borchardt).	
Graphical solution of equations ; mensuration and approximate numerical calculations ; theory of quadratic equations ; arithmetical and geometrical progressions ; indices ; theory and practical use of logarithms.	
<i>Chapters XXV, XXVI, XXX, XXXI, XXXIV, XXXVII.</i>	
<b>(b) Geometry</b> .. .. .	50
Text-book :— <i>A School Geometry</i> (Hall and Stevens).	
Theory of proportion and similar figures. <i>Theorems 60–73, 75–78.</i>	

## DIVISION III.—CIVIL SUBJECTS—continued.

Subject.	Marks.
<b>MATHEMATICS—continued.</b>	
<b>(c) Trigonometry</b> .. .. .	100
Text-book :— <i>Elementary Trigonometry—Hall and Knight.</i>	
Trigonometrical ratios of an angle of any magnitude ; functions of compound angles ; transformation of sums and products ; use of trigonometrical tables ; solution of triangles ; applications to heights and distances. <i>Chapters I—XVI., omitting articles 135, 136, 193–197 ; XVII ; XVIII, articles 203–204 only.</i>	
<b>(d) Dynamics</b> .. .. .	100
Text-book :— <i>Elementary Dynamics of the Particle and Rigid Body</i> (R. J. A. Barnard).	
Principles of dynamics—acceleration, force, mass ; uniformly accelerated motion in a straight line ; momentum ; work, power ; parallelogram laws ; projectiles ; uniform motion in a circle. <i>Articles 1–11, 14–19, 22–31, 33–35, 37–43, 45–48, 50–56, 61–77, 112–114, 118–120, 144–152, 154, 155.</i>	
<b>(e) Statics</b> .. .. .	50
Text-book :— <i>Elements of Statics</i> (Loney).	
Composition and resolution of forces in one plane acting at a point treated algebraically and graphically ; equilibrium of a body under forces at a point in one plane ; machines (levers, pulleys, toothed wheels, &c.). <i>Chapters I, II, III, XI, XII, omitting articles 147–148, 150–154, 166–175, 179.</i>	
<b>B. PHYSICS</b> .. .. .	200
Text-book :—“ <i>Elements of Physics,</i> ” by R. A. Houstoun.	
<b>(a) Dynamics.</b>	
Units and measurements ; parallelogram of forces ; the law of moments ; centres of gravity ; falling bodies ; the laws of motion ; circular motion and the pendulum ; friction ; work ; energy.	
<b>(b) Hydrostatics.</b>	
The properties of matter ; fluid pressure ; atmospheric pressure ; Boyle’s law ; pumps ; specific gravity.	
<b>(c) Heat.</b>	
Temperature and thermometers ; expansion ; calorimetry ; change of state ; mechanical equivalent ; conduction ; convection ; radiation.	
<b>(d) Sound.</b>	
Wave motion ; nature and propagation of sound ; musical notes ; stretched strings ; organ pipes ; the phonograph ; sound ranging.	
<b>(e) Light.</b>	
Propagation of light and photometry ; reflection and refraction ; spherical mirrors ; lenses and the optical bench ; optical instruments ; the spectroscope and dispersion ; the eye and colour vision.	
<b>(f) Magnetism.</b>	
Fundamental facts ; magnetic fields ; methods of magnetisation ; laws of magnetic force ; oscillation of a magnet in a uniform field ; terrestrial magnetism.	
<b>(g) Electricity.</b>	
Electro-statics ; condensers and electrical machines ; the electric current ; Ohm’s law ; measurements of current and resistance ; induced currents ; principles of the electric motor ; cells ; electrolysis ; the voltmeter Joule’s law ; applications of electricity.	

Subject.	Marks.
<b>9. CHEMISTRY</b>	100
Text-books:— <i>Service Chemistry, 4th Edition</i> (Lewes and Brame), <i>Chapters I-III, V-XVI.</i>	
<p>Physical and chemical change; conservation of matter; causes leading to chemical action; conservation of energy; elements; compounds; mechanical mixtures; analysis and synthesis;</p> <p>The three states of matter; liquefaction of gases; critical point; critical pressure; refrigerating machines;</p> <p>Laws of constant and multiple proportion; the atomic theory; law of gaseous volumes; complex nature of gaseous molecules; Avogadro's hypothesis; influence of temperature and pressure on gases;</p> <p>The kinetic theory; atomic and molecular weights; atomic and molecular weights from density; equivalent weights; valency;</p> <p>Symbols; formulæ; equations; reversible reactions; equilibrium; thermochemistry;</p> <p>Hydrogen; preparation; properties; diffusion; ballooning;</p> <p>Hydrogen; chemical behaviour; oxygen; preparation; properties; detection;</p> <p>Ozone; allotropism; preparation; detection and properties; action of ozone on mercury; oxides and salts; acid forming, basic, and neutral oxides;</p> <p>Salts; normal, acid, and basic salts; decomposition of salts; nomenclature; classification of the elements; combustion; theory of combustion; reciprocal combustion; definition; rate; effect of state of division; slow combustion; respiration; surface action; point of ignition; spontaneous ignition; combustion of combined oxygen;</p> <p>Water; composition by volume and weight; decomposition; properties; water as a solvent; water of crystallisation; water of hydration;</p> <p>Hydrogen peroxide; preparation; properties; natural impurities in rain and spring water; hardness; water softening;</p> <p>Waste from hard water; river water; sea water; action of impurities on health; sources of supply; filtration; Pasteur-Chamberland filters; distillation; rough purification;</p> <p>Boiler incrustation; formation of deposit; difference in deposits; waste of fuel; prevention of scale in fresh-water boilers; saline incrustators; oils and fats; organic deposits;</p> <p>Carbon; allotropes; charcoal; bone-black; absorption of gases; hydrocarbons; methane preparation; methane explosions; safety lamps;</p> <p>Paraffin series; ethylene; acetylene; benzine; flame-throwers;</p> <p>Coal gas; purification; composition of coal gas;</p> <p>Flame; the action in a candle flame; Bunsen flames; oxidising and reducing flames; the incandescent mantle; fire extinguishers;</p> <p>Carbon dioxide; preparation; properties; carbonic acid; aerated waters; liquid carbon dioxide; carbon monoxide; preparation; properties; mine and crater gases; detection and protective measures;</p> <p>Water gas; composition; production; producer gas; composition; production; mixed fuel gas;</p> <p>Nitrogen; preparation; properties; ammonia; preparation; manufacture; properties; composition; ammonium salts; ammonium amalgam; ammonium nitrate; use in explosives;</p> <p>Oxides of nitrogen; nitrogen monoxide; nitrogen dioxide; nitrogen trioxide; nitrogen tetroxide; nitrogen pentoxide;</p> <p>Nitric acid; manufacture; properties; nitrates; use in preparation of explosives; fixation of atmospheric nitrogen; tests for nitrates;</p> <p>The atmosphere; extent; air a mechanical mixture; analysis of air; helium; preparation; properties; functions of constituents; minor constituents; functions of minor constituents; withdrawal of oxygen; action of vegetable life; diffusion; organic matter; true impurities; ventilation.</p>	

## DIVISION III.—CIVIL SUBJECTS—continued.

Subject.	Marks.
<b>10. ENGLISH</b> .. .. .	200
Text-book :— <i>English Composition—Murison.</i>	
(i) Essay .. .. .	60
(ii) <i>Précis</i> of selected passage .. .. .	60
(iii) Paraphrase and literary comment on selected passages .. .. .	60
(iv) Analysis (distinguishing clauses and showing their mutual relations) .. .. .	20
(a) The essay must show a sound grasp of the principles of paragraphing, punctuation, and composition generally.	
(b) Good spelling and writing are essential.	
<b>11. GEOMETRICAL DRAWING</b> .. .. .	100
Text-book :— <i>Practical Solid Geometry—Atkinson</i> (Spon Ltd.).	
Problems in Orthographic Projection in relation to the tetrahedron, cube, octahedron, pyramid, prism, sphere, cone, and cylinder, grouped under cases (i) and (iii) of the text-book, Chapters I and II.	
Marks will be given for Draughtsmanship.	
<b>12. MODERN LANGUAGE.</b>	200
(French, Japanese, or German.)	
<b>French.</b>	
Standard—Senior, or Leaving Certificate Pass.	
<b>Japanese.</b>	
(i) Conversational Japanese for Beginners. (Rose-Innes), Exercises 1—30.	
(ii) The Hiragana and Katagana Syllabaries.	
(iii) The following Chinese characters :—	
一 二 三 四 五 六 七 八 九 十 百 千 萬 万 日 月 明 治 何 年	
天 地 人 上 下 中 男 女 子 供 大 小 手 足 耳 目 見 口 如 此	
木 火 土 金 水 山 川 田 本 半 東 西 南 北 花 力 牛 馬 氷 其	
相 亦 自 以 於 及 次 第 然 只 今 爲 屋 切 至 致 非 廿 卅 世	
心 思 忘 分 知 品 物 工 夫 事 文 字 讀 書 鳥 鳴 魚 虫 立 作	
<b>German.</b>	
Standard—Senior, or Leaving Certificate Pass.	

## APPENDIX VI.

INSTRUCTIONS FOR THE PHYSICAL AND MEDICAL EXAMINATION.

1. Candidates for admission to the Royal Military College of Australia must be in good mental and bodily health, and free from any physical defect likely to interfere with the efficient performance of military duty.

2. They will be examined by a Medical Board, and no candidate will be accepted unless he be pronounced by the Medical Board physically fit for His Majesty's Service.

## 3. The Board has power—

- (a) To pass a candidate as physically fit.  
 (b) To reject a candidate as physically unfit.

## 4. The attention of the Boards will be directed to the following points ;—

- (a) That the correlation of age, height, weight, and chest girth is not less than that which is given in the following table :—

Age last Birthday.	Height without Shoes. Inches.	Minimum Weight without Clothes. lb.	Chest.	
			Girth when fully Expanded. Inches.	Range of Expansion. Inches.
15	60 and under 62 ..	106 to 108 ..	31	1
	62 " 65 ..	108 to 110 ..	32	1½
	65 " 68 ..	110 to 114 ..	33	1½
	68 " ..	114 ..	33	2
16	60 and under 62 ..	108 to 110 ..	32	1½
	62 " 65 ..	110 to 112 ..	33	2
	65 " 68 ..	112 to 117 ..	34	2
	68 " 72 ..	119 to 128 ..	34½	2½
	72 " ..	128 ..	35	2½
17	62 and under 65 ..	110 to 112 ..	34	2
	65 " 68 ..	112 to 119 ..	34½	2
	68 " 72 ..	119 to 130 ..	35	2
	72 " ..	130 ..	35½	2½
18	62 and under 65 ..	111 to 117 ..	34½	2
	65 " 68 ..	117 to 124 ..	35	2
	68 " 72 ..	124 to 136 ..	35½	2
	72 and upwards ..	136 ..	36	2½
19	62 and under 65 ..	113 to 121 ..	35	2
	65 " 68 ..	121 to 129 ..	35	2
	68 " 70 ..	129 to 137 ..	35½	2
	70 " 72 ..	137 to 145 ..	36	2
	72 and upwards ..	145 ..	36½	2½
20	62 and under 65 ..	117 to 122 ..	35	2
	65 " 68 ..	122 to 130 ..	35	2
	68 " 70 ..	130 to 138 ..	35½	2
	70 " 72 ..	138 to 146 ..	36	2½
	72 and upwards ..	146 ..	36½	2½
21 and over	62 and under 65 ..	118 to 123 ..	35	2
	65 " 68 ..	123 to 132 ..	35½	2
	68 " 70 ..	132 to 142 ..	36	2
	70 " 72 ..	142 to 152 ..	36½	2½
	72 and upwards ..	152 ..	37	2½

## (b) Height—

The candidate will be placed against the standard with the feet together and the weight thrown on the heels, and not on the toes or outside of the feet. He will stand erect with rigidity, and with the heels, calves, buttocks, and shoulders touching the standard; the chin will be depressed to bring the vertex of the head level under the horizontal bar. Height measurements will in all cases be recorded to the nearest ¼ inch. For example—Every height which is between 67¾ and 67⅝ inches must be set down at 67½ inches. All height measurements recorded must be those taken while the candidate is not wearing boots or shoes.

**(c) Weight—**

Weight is to be recorded to nearest pound. For example—Weights between 146 and 146½ lbs. will be recorded as 146 lbs. The weight is to be given for the body as without clothes, boots, &c. If the weight is measured while the candidate is wearing clothes, &c., their weight is to be subtracted and the difference in the weight will be recorded as the weight of the candidate.

**(d) Chest Measurements—**

In the taking of circumference measurements the following directions are to be followed :—

- (a) The person being measured will hold his arms straight up above his head.
- (b) The tape will be passed horizontally round the chest at the level of the junction of the rib cartilage with the sternum or breastbone; arms will then be lowered, the tape being held tightly and the circumference measurements taken—
  - (i) on deep inspiration,
  - (ii) on complete expiration (attained by the candidate counting twenty aloud without inspiring).
- (c) Before the tape is removed the level at which the measurements have been taken will be marked on the tape with chalk.
- (d) If the finger be passed from the super sternal notch downwards over the front of the sternum or breastbone it soon meets a projecting ridge crossing the bone transversely. This gives the level of the second costal cartilage, and taking it as the starting point, the fourth costal cartilage, where it joins the sternum, can easily be determined

In all cases the measurements are to be given to the nearest ¼ inch.

**(e) Eyesight. The following are the regulations for examination of eyesight :—**

A candidate will be considered fit—

- (i) If his vision without the aid of glasses is not less than 6/18th with each eye, provided that with the aid of glasses, if necessary, his vision is not less than 6/6ths in one eye (R. or L.) and 6/12ths in the other.
- (ii) If his vision in one eye (R. or L.) without the aid of glasses is not less than 6/36ths, provided that his vision in the other eye without the aid of glasses is not less than 6/6ths.
- (iii) Each eye must have a full field of vision as tested by hand movements. otherwise the candidate will be rejected.
- (iv) Squint or any morbid condition of the eyes or of the lid of either eye liable to risk of aggravation or recurrence will cause the rejection of the candidate.
- (v) Inability to distinguish the principal colours will not be regarded as a cause of rejection, but the fact will be noted in the proceedings and the candidate will be informed.
- (vi) The degree of acuteness of vision of all candidates for commissions will be entered in the proceedings in the following manner :—

V.R. = ..... ; with glasses = .....

V.L. = ..... ; with glasses = .....

No relaxation of the standard of vision shall be allowed

**The following additional points will be observed :—**

- (f) That his hearing is good.
- (g) That his speech is without impediment.
- (h) That his teeth are in good order. Loss or decay of ten teeth will be considered a disqualification. Decayed teeth, if well filled, will be considered as sound. Non-erupted wisdom teeth are not to be counted as deficient.
- (j) That his chest is well formed, and that his lungs and heart are sound.
- (k) That he is not ruptured.
- (l) That he does not suffer from a severe degree of varicocele\* or varicose veins. A candidate who has been successfully operated on will be accepted.
- (m) That his limbs are well formed and developed.
- (n) That there is free and perfect motion of all joints.
- (o) That his feet and toes are well formed.

\* Severe varicocele is defined in the Standing Orders for the Australian Army Medical Services.

- (p) That he does not suffer from any inveterate skin disease.  
 (q) That he has no congenital malformation or defect.  
 (r) That he does not bear trace of previous acute or chronic disease pointing to an impaired constitution.  
 (s) That he is free from any disease or from any physical defect that would be likely to render him unfit for military service.  
 (t) If the candidate is not of British origin or descent, the fact should be recorded by the Board.

5. The proceedings shall be recorded as follows on A.M. Form A 23 :—

Name.	Age.	Height without Shoes.		Weight without Clothes.		Chest Girth.		Acuteness of vision.		Hearing.		Remarks.*
						Min.	Max.					
	Yrs. Mths.	Ft.	In.	lb.	In.	In.	R.	L.	R.	L.		

\* To indicate "fit" or "unfit." If unfit, cause to be stated. If the candidate bears the mark of an operation or other wound, or has any physical defects, not unfitting him for service, the fact is to be here recorded.

A.M. Form D 3, Dentist History Sheet, showing the condition of the teeth on examination, will be attached to the proceedings.

6. The proceedings of the Board are to be forwarded to the Director-General of Medical Services for transmission to the Commandant of the Royal Military College.

7. At the completion of the physical examination, the Board will forward (on A.M. Form K 7) to the District Base Commandant a list of the candidates' names, stating opposite each whether he is fit or unfit.

This form is to be transmitted to the President of the Board appointed to supervise the written examination for candidates over 19 only, in sufficient time to reach him before it begins. It will, by him, be attached to the proceedings of the Board.