

SYLLABUS FOR THE MILITARY SCHOOLS.—Concluded.

OFFICERS OF ALL ARMS.

Long Course of Instruction at Royal Military College.

Officers who have obtained Short Course Certificates and who are desirous of obtaining Long Course Certificates are required to undergo the necessary instruction and qualifying examination at Royal Military College in Elementary Military Engineering—Strategy—Tactics—Military Administration—and Military Surveying and Reconnaissance within five years of their having obtained a Short Course Certificate.

While going through the course at Royal Military College, officers will be attached to the Royal School of Artillery, Kingston, for Quarters, Messing and Discipline

(a) The Course of Instruction at Royal Military College for Long Course officers will commence about 10th March of each year and continue for about three months.

Application to attend the course will be made through the Commandant Royal Military College to Adjutant General not less than one month before the commencement of the Course.

(b) The several courses will consist (including examination) of the following subjects A, B, C, D, with attendances, as specified :—

(A) Elementary Military Surveying.

2 attendances per week each of 4 hours for 7 weeks.
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(B) Elementary Strategy, Tactics and Military Administration.

3 attendances per week each of 2 hours for 12 weeks.

(C) Elementary Military Engineering.

3 attendances per week each of 3 hours for 12 weeks.

(D) Elementary Reconnaissance.

2 attendances per week each of 7 hours for 3 weeks.

(c) The proportion of marks necessary to qualify for a 1st Class Long Course Certificate, Grade A, shall be *seven-tenths*, that for 2nd Class, Grade A, *one-half*.

(d) The proportion of marks necessary to be obtained in order to qualify in the several subjects shall be *one-half*.

(e) Officers who may obtain a proportion of *three-fourths* marks in any subject shall be entitled to the distinction of "Special Mention" in that subject.

(f) In order to be *eligible for examination* in any subject an officer must have been present throughout the whole of at least $\frac{3}{4}$ of the number of attendances assigned to that subject.

(g) Officers who fail to qualify in any subject at their *first examination*, may (on recommendation of Commandant Royal Military College) in order to have a second opportunity of passing, attend Royal Military College at any future Regular Course of that subject (provided that there are other officers attending the Course) but they cannot be permitted to record "Special Mention" on the result of their second examination.

(h) The period assigned to Long Course officers for special courses of Royal Military College being *primarily* for instruction in, and private study of, the subject directed to be taught at the Institution, officers will not, *while attending the College Course*, be required to perform at Royal School of Artillery, Kingston, either orderly or court martial duties; and drills and military exercises shall be restricted to such hours as shall not interfere with their Courses at the College.

(i) during the period of their instruction at Royal Military College, officers shall not be granted leave of absence by the Commandant of the Royal School of Artillery, except on approval of Commandant of Royal Military College, and for clearly exceptional and pressing urgent cases only.

(j) The syllabus for subjects A, B and D, will be the same for all arms, that of C for all arms except Engineers, for which corps, qualification in *Military Engineering* as defined for "Long Course" officers of *Engineers* is required in lieu.

A.

SYLLABUS OF INSTRUCTION IN ELEMENTARY MILITARY SURVEYING.

Marks, 700.—Time about 28 attendances, or about 84 hours. Two-thirds of each to be allotted for field work and one-third for examinations.

Text Book.—Richards' "Military Topography."

General principles of surveying. The construction and use of scales. The conventional signs and colors used in military sketches.

The use of contours and shading in giving the slopes and form of ground. The clinometer and scale of horizontal equivalents, and their use in drawing contours. The principles and construction of the prismatic compass and pocket sextant. The employment of the former in combination with pacing and the protractor in making surveys and in traversing. The method of making a triangulation with the sextant from a given base, and of filling up the details with the compass. The use of the chain, and how to make a survey of a small piece of ground with the chain alone. Surveying without instruments, using the sketching block as a plane table.

The officers will be practised in making surveys by the above methods, and will afterwards have to make examination surveys of ground in a given time.

B.

SYLLABUS OF INSTRUCTION IN ELEMENTARY STRATEGY, TACTICS AND MILITARY ADMINISTRATION.

Total marks, 1,000. Time, 36 attendances, or about 72 hours.

Military Administration.

Marks, 250.—About 9 attendances.

Text Book, "Military Administration" by Major Jones, R.A.

General formation of Armies.

Special organization of units in British Army. Their strength—System of recruiting—Reserves—Supply of ammunition in the field; its expenditure—Reserve of ammunition—Equipment—Rations.

Supply of Food and Forage to an Army in the Field.

Transport—Railways in war.

Marches—Rates of marching—Protection of communication.

Encampments—Bivouacs.

Embarkation and disembarkation.

Tactics.

Marks, 500.—Time, about 22 attendances.

Text Books { "Minor Tactics" by Lt.-Col. Clery.

"Tactical Notes" by Major Jones, R.A.

Information and security—Outposts.

Reconnoitring—Advanced and Rear Guards.

Tactical employment of each arm—Of the three combined.

Infantry formations for attack and defence.

Cavalry attack formations.

Mounted Infantry.

Rivers—Forcing a passage—Selection of point—Attack and defence of woods, villages, defiles, convoys, &c.

Occupation of a defensive position.

Attack and defence of positions.

General course of an engagement.

Night attacks.

Tendency of modern tactics, illustrated by examples from late wars.

Strategy.

Marks, 250.—Time, about 6 attendances.

Text Book, "Operations of War" by General Sir E. Hamley.

General principles—Selection of objective.

Base of operations—Line of operations.

Offensive and defensive warfare.

Advantages and disadvantages.

Influence of formation of frontier.

Selection of theatre of operations and base.

Influence of obstacles, as rivers, mountain ranges and fortresses.

General study of a campaign.

Customs of war.

C.

SYLLABUS OF INSTRUCTION IN ELEMENTARY MILITARY ENGINEERING.

Total marks, 1,000. About 36 attendances, or about 108 hours.

Section 1.—Field Fortification. 17 Attendances.

Objects and use of Fortification, principles of defence, different kinds of fire arms in use and their penetration, choice of position, clearing ground.

Hasty entrenchments, including cover for shooting line, supports and reserves, cover for guns.

Improvised defences, including defence of walls, cuttings, embankments, hedges, fences, houses, villages, woods, &c., blockhouses, stockades.

Obstacles, including abatis, wire entanglements, military pits, inundations.