

SYLLABUS FOR THE MILITARY SCHOOLS.—Continued.

Artillery—Long Course.*(This should have appeared before Infantry Subjects.)*

Officers and N.C. officers belonging to the Regiment or who, being attached for instruction and having obtained a "Short Course" certificate are permitted to remain for a "Long Course" of instruction, will be required in the first instance to attend a Short Course of Instruction in whichever branch of the Artillery service they have not previously received instruction.

They will, if officers, be required to attend the special course of instruction at the Royal Military College in Military Surveying and Engineering, Strategy, Tactics and Reconnaissance and Military Administration.

During this course they will be attached to the Royal School of Artillery at Kingston.

All ranks will also be required to pass through such a course of instruction in all Artillery and Infantry drills and exercises, mounted and dismounted, as the possibilities of the School of Artillery to which they are attached will afford, and will be finally examined in all such drills and exercises.

The theoretical course of instruction will, besides a more extended course of lectures on Ammunition, Gunnery and Artillery, Tactics, Military Law, Queen's and Militia Regulations, Standing Orders and Interior Economy, and as an additional subject Signalling may be taken up with advantage.

SYLLABUS FOR LONG COURSE—THEORETICAL.

Ammunition.—General construction and use of all Ammunition used for the ordnance at the station, 100 marks.

Material.—Description and construction of Service ordnance, Carriages, Platforms, Field Equipments and Artillery material, &c., 100 marks.

Gunnery.—Sighting. Rifling. Artillery fire—its uses and Employment, Range finding &c., 100 marks.

Interior Economy.—R. and O. for the Militia. Standing Orders. Regimental Accounts, Official Correspondence, &c., 50 Marks.

Military Law.—Army Act. Queen's Regulations. Powers of Courts Martial and of C.O., 50 marks.

Artillery (Field).—Field Movements—Choice of position. Advanced and Rear Guards. Escorts. Field Artillery Entrenchments, 50 marks.

Artillery (Garrison).—Principles regulating the efficiency of Artillery fire from Siege or Garrison Guns. Construction of Gun Batteries, Platforms, Magazines, &c., 50 marks.

For each of the above subjects, one paper of not less than 10 questions to be prepared by the commandant and answered by the candidate—under the General Rules for Examinations.

PRACTICAL.

Company Drill.—As detailed in Infantry Exercises, 50 marks.

Battalion.—As detailed in Infantry Exercises, with the exception of movements in extended order, 50 marks.

Gun Drill.—Squad to be instructed by candidate in gun drill, on ground and traversing platform, and siege gun and field gun, 100 marks.

Shifting Ordnance (Field).—Mounting and dismounting field gun, changing wheels and disabled ordnance, 100 marks.

Shifting Ordnance (Garrison).—Mounting and dismounting garrison and siege gun, parbuckling, skids and rollers, 100 marks.

Field Manœuvres (Field).—As detailed in Manual, 75 marks.

Sheers (Garrison).—As detailed in Manual, 75 marks.

Riding and Sword Drill (Field).—Field Artillery Candidates will be required to instruct, 100 marks.

Riding and Sword (Garrison).—Garrison Artillery will be required to show proficiency only, 50 marks.

Gun Drill.—Garrison Artillery only, 25 marks.

Mortar Drill.—Garrison Artillery only, 25 marks.

Transporting Carriage.—Garrison Artillery only, 25 marks.

Signaling.—Voluntary, 50 marks.

Infantry Subjects—Short Course—Continued.

ENGINEERS.

Short Course—Officers, N.C. Officers and Men.

The short course of Instruction for officers, non-commissioned officers and men of Engineer Militia will cover a period of 75 actual drill days, i. e. Sundays and days of joining and leaving exclusive.

The Infantry Instruction, including examination, will occupy 30 drill days. The Engineer Instruction 45 drill days.

For the present, Engineers will be attached to the Royal School of Artillery, Kingston, for Quarters, Rations, Pay and Discipline; and for Instruction in Infantry drill, Musketry, Regimental duty, Military Law and Interior Economy.

They will receive instruction in Military Engineering at the Royal Military College.

The percentage of marks necessary for qualification for an Engineer Short Course certificate is the same as that specified for a Short Course Certificate for the several schools for the other branches of the service.

The course will commence annually on the first day of February.

In order that all may be present at the commencement of these courses, officers, non-commissioned officers and men will be required to report on the preceding day.

Should the 1st of February fall on Sunday, the course will commence one day later.

The names of Officers, Non-Commissioned Officers and men desiring to attend these courses, will be forwarded to the Commandants of Royal School of Artillery and Royal Military College, not less than 14 days prior to the day on which the course commences.

Officers, non-commissioned officers and men of Engineers will be relieved from all other military duty on the days assigned for instruction in Military Engineering at the Royal Military College, and all applications for leave on such days must be approved by the Commandant of that institution.

The Course of Instruction in Infantry drills at Royal School of Artillery, Kingston, will be as follows:—

Squad drill, 5 days; Rifle Exercises, 8 days; Company drill, 5 days; Regimental duties, 12 days.

Officers will also be instructed in the Sword Exercise.

SYLLABUS OF SHORT COURSE IN MILITARY ENGINEERING.

(45 days of 6 hours each.)

Section 1.—Drawing.

Use of instruments, simple geometrical drawing, simple scales, reading plans.

Section 2.—Entrenching.

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

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

Improvised defences, defence of walls, cuttings, embankments, hedges, fences, houses, villages and woods, stockades, block-houses, field casements.

Obstacles, rules for their use and construction, abatis, entanglements, military pits, stakes, palisades, fraises, chevaux-de-frise, barricades, &c.

Revetments, their use and method of construction, hurdle work, planks, logs, sods, sand-bags, gabions, fascines, miscellaneous.

Field works, profile, names of parts, their objects and uses, profiling; rules of trace and profile; garrison, défilade, details of works; blindages, traverses, splinter proof cover, magazines, embrasures, barbetstes, caponiers, flanks, entrances, gates.

Section 3.—Communications and Camping.

Construction, repair and demolition of roads, railways, &c. Selection of sites for camps. Bivouacs, huts, thatching, straw-mats, water supply, field filters, field kitchens and ovens; latrines.

Section 4.—Bridging.

Cordage, knotting, lashing, use of spars, derricks, sheers, gins. Trestle, lock, and floating bridges; bridging expedients.

Section 5.—Explosives.

Hasty demolitions; use of gunpowder, gun cotton, dynamite, Bickford's fuze, Bickford's instantaneous fuze, powder hose, portfire, quick-match, &c.

Section 6.—Siege Works.

Execution of batteries, magazines, parallels, saps; laying platforms.

Section 7.—Miscellaneous.

Brushwood; its use; cutting brushwood, construction of hurdles, fascines, gabions, pickets.

Timber, its uses; splinter proofs, frames, sheeting, mining frames and cases, &c., platforms.

Field geometry and use of field level. Boning and levelling, taking sections, laying out slopes.

Working parties; deployment and supervision; civil labour; tasks, reliefs, &c. Tools.