

" School at Montreal, 7 Officers and 16 non-commissioned officers, gunners, and drivers obtained certificates. These are included in the above, and shown in returns A, B, C, D.

" Subjects of instruction at the Quebec School are as follows. It is in my opinion to be regretted that a uniform system has not been established at both schools by an Artillery Officer at head-quarters, giving to certificates of both schools a relative value:—

" **SYNOPSIS OF OFFICERS' SHORT COURSE, GUNNERY SCHOOL, QUEBEC.**

" *Practical Exercises and Duties.*

" *Garrison Artillery.*

- " Arm drill.
- " Company drill.
- " Heavy gun drill, S.B.
- " do. rifled.
- " Mortar drill.
- " do. (removal on trench carts.)
- " Gyn drill.
- " Shifting ordnance.
- " Sling waggon.
- " Knotting and lashing.
- " Gun practice.
- " Making up ammunition.
- " Examination and sighting of ordnance.
- " Taking angles with sextant for range-finding.
- " Visiting (weekly) artillery stores and district.
- " Interior economy and regimental duty.
- " Attending courts-martial.
- " Officers will give their special attention to those subjects which belong to their own branch of artillery service, but will be expected to have a general idea of the whole.

" *Field Artillery.*

- " Field-gun drill.
- " Riding and driving drill, wheel-carriages, on sleighs.
- " Field battery movements.
- " Disabled field ordnance, removal of.
- " Knotting and lashing.
- " Mounted sword exercise.
- " Gun practice.
- " Making up ammunition.
- " Examination and sighting of ordnance.
- " Taking angles with sextant for range-finding.
- " Interior economy.
- " Stable and regimental duties.
- " Attending courts-martial.

" **SYNOPSIS OF SHORT COURSE, GUNNERY SCHOOL, QUEBEC.**

" *Theory.*

- " Gunnery, exclusive of applied mathematics.
- " Knowledge of artillery material, such as exists in Citadel, Quebec.
- " Laboratory operations as performed at Quebec.
- " Examination and sighting ordnance.
- " Elementary fortification.
- " Minor tactics of artillery, in connection with the other arms.
- " Range-finding, use of sextant and prismatic compass.
- " General knowledge of Militia Regulations, Queen's Regulations and Articles of War, as applicable to Militia.

" **SYLLABUS OF OFFICERS' LONG COURSE, GUNNERY SCHOOL, QUEBEC.**

" *To be able to instruct in*

- " Gun drills, } and practice with projectiles.
- " Mortar drill, }
- " Gyn drill.
- " Shifting ordnance.

" *To have a good knowledge of*

- " Infantry drill.
- " Riding drill and stable duties.
- " Field artillery movements and position.
- " Artillery material and stores.