

*Sweepstakes*—Seven rounds at 500 yards; 12 entries—Lieut. McFarlane, 50th, 26; Lieut. Baxter, 50th, 24; George Cunningham, 23; Sergt. Baird, 50th, 23; D. M. McCrea, P. W. R., 22.

*Consolation Match*—Open to all unsuccessful competitors. 5 rounds at 400 yards; 3 entries—R. E. Kelly, Huntingdon, 21; W. McNaughton, Troop, 18; Lieut. Steele, 50th, 16.

*Aggregate in matches 2, 3 and 5*—Lieut. McFarlane, 50th, 154, D. C. R. A. medal; Sergt. Baird, 50th, 150, P. Q. R. A. badge; Lieut. Baxter, 50th, 146, MILITIA GAZETTE.

#### PETERBOROUGH RIFLE ASSOCIATION.

The annual matches of the Peterborough Rifle Association were fired at the town range on Monday and Tuesday, the 10th and 11th inst. O. R. A. rules governed, except that two sighting shots were allowed at each range in the regular matches. Snider rifles exclusively were used. The prizes were in cash and kind. The following were the winners:—

*Maiden Match*.—Open only to members of the association who have never won a prize at any rifle competition. 400 yards; seven rounds—W. H. Wright, 22; J. Campbell, 19; W. D. Johnston, 17; Wm. Saxby, 17; S. Heap, 16.

*Association Match*.—200 and 500 yards; seven rounds. The Bankers' Challenge Cup, 1877, to be held by the winner for one year, and to become his property on winning it twice in succession. The Bankers' Cup, 1881, to be awarded to the second highest scorer, and to become his personal property on winning it twice. Winners must be residents of the County of Peterborough.—D. Cameron (1877 cup), 56; S. Ray (1881 cup), 55; J. Williamson, 53; F. Hall, 53; W. H. Hill, 52; J. Stothart, 52; Ed. Sanderson, 50; D. Belleghem, 50; G. Fitzgerald, 50; Dr. Brennan, 49; W. A. Bell, 49; W. A. Mason, 48; E. B. Edwards, 47; G. Brown, 46; J. Campbell, 46.

*County Match*.—400 and 500 yards; seven rounds. The "Cox Cup" to be held by the winner (who must be a resident of the County of Peterborough) for one year, and to become his personal property on winning it three times, twice of which must be in succession—J. Pentland (Cox cup), 56; F. Hall, 55; W. A. Mason, 55; J. A. Williamson, 53; D. Cameron, 53; Dr. Brennan, 52; W. H. Hill, 51; G. Fitzgerald, 51; W. Reynolds, 50; Dr. Bell, 49; R. H. Smith, 48; W. A. Bell, 47; R. M. Dennistoun, 46; J. Campbell, 42; A. Blade, 41.

*Volunteer Match*.—Open only to volunteers in uniform who are *bona fide* members of any corps in the County of Peterborough. 200 and 400 yards; seven rounds—Pte. D. Cameron, 65; Corp. A. Blade, 62; Pte. G. Fitzgerald, 61; Pte. W. A. Bell, 60; Lieut. W. H. Hill, 57; Sergt.-Major Stothart, 56; Sergt. Reynolds, 55; Capt. Brennan, 55; Capt. Sanderson, 55; Lieut. Dennistoun, 55; Corp. A. Mason, 54; Pte. A. Cameron, 50; Major Bell, 48; Capt. Edwards, 48; Sergt. Wright, 48. Company teams of five also competed for prizes in this match. The first, a cup presented by Lieut.-Col. H. C. Rogers, and to be held by the captain of the winning company each year till won by the same company three years, was won by No. 4 Co., represented by Lieut. W. H. Hill and Ptes. D. Cameron, W. A. Bell, G. Fitzgerald and J. Campbell. Their score was 290 points, this being the largest company total ever made in the county. No. 1 Co., represented by Capt. Edwards, Lieut. Dennistoun, Lieut. Mason, Corp. Mason and Pte. Sanderson, was second with 213 points. All the companies of the battalion and one from the cavalry troop competed. The 57th Battalion cup, presented by Lieut.-Col. J. Z. Rogers, for the team from that battalion making the highest score in the company match, was won by No. 4. A medal (value \$7.00) given by Mr. F. Birdsall, for the highest score at 400 yards in the Volunteer match made by a member of No. 4 Co., to be won twice before becoming winner's property, was taken by Pte. D. Cameron. A silver sugar bowl (value \$5.00) given by Lieut. W. H. Hill, for the member of No. 4 Co., 57th Batt., making the highest aggregate score in the "Association," "County" and "Volunteer" matches, was also won by Pte. Cameron.

*Extra Series Match, No. 1*—400 yards; five rounds—J. A. Williamson, 25; Capt. Sanderson, 24; W. A. Mason, 23; W. H. Hill, 22; Lieut. R. M. Dennistoun, 22; Dr. Bell, 22; D. Cameron, 21; F. Hall, 21; R. H. Smith, 21; J. B. Pentland, 21.

*Extra Series Match, No. 2*—500 yards; five rounds—J. B. Pentland, 20; W. A. Mason, 19; W. A. Bell, 19; R. M. Dennistoun, 19; S. Ray, 19; W. H. Hill, 18; G. Fitzgerald, 17; J. A. Williamson, 17; Dr. Bell, 17; Dr. Brennan, 16.

### A Budget from Toronto.

THE DOMINION ARTILLERY FIRING REGULATIONS—REDUCTION OF NON COMS.—A POSER CONCERNING HORSES—THE DRURY PATTERN GUN SLEIGH—THE QUEEN'S OWN AND GRENADIERS HAVE AN OUTING EACH—"C" SCHOOL SPORTS—GENERAL NEWS NOTES.

IN the GAZETTE of the 6th inst., there appeared a very interesting account of the system of marking used by the Dominion Artillery Association. Two items in it have evoked some remarks from our critics—the first one, and most important, is that in shrapnel firing, "4 for elevation and 4 for fuse" is given, for a shell bursting at any point from 120 yards to 50 yards in front of the target; the range, it is assumed as marked on diagram, being 1700 yards. We are informed that the effectiveness of shrapnel bullets depends on the velocity of the shell itself at the time of burst, the bullets receiving very nearly the velocity that the shell had at the time. Now, the 9 pr. at 1000 yards has a velocity of about 1015 feet per second; at 1700 yards, 890 f.s.; at 2000 yards, 840 f.s., and so on; it is therefore, evident to obtain the full effect of a shrapnel, it must be burst closer to the object the longer the range, so that 120 yards in front may be the effective burst of a shrapnel at a range of 1000 yards, but at 1700 yards it should be about 50 yards, and 12 feet above plane. If, as I understand, the artillery are anxious to increase their range to 2000 yards, the limit of shrapnel fire should be reduced. Our n.c.o. and gunners are instructed that 120 yards short is the point to burst a shrapnel, but no mention is made of at what range.

The second item was—given a common shell, percussion fuze, (we presume it contained a bursting charge). The article goes on to describe the points given for ricochet hit. Are we to understand that common shell, percussion fuze, are in the habit of ricocheting? I had an idea that these fuzes acted *on graze* or impact. A case has been cited where the stud of a common shell having just caught the upper edge of the target, the shell burst. This shows how sensitive the fuze is.

Now that winter is coming on, with its sessions of Parliaments of all degrees, I would suggest to the Government the opening of its purse strings and supplying some of the gun sleighs as invented by Capt. Drury, of "A" Battery, to such batteries as are usually called upon to fire salutes at the opening and closing of the different Parliaments. These sleighs, after a thorough test, have virtually been adopted by the Government, and ought not to be hidden like the light under a bushel.

Col. Allen marched in front of over 400 of his gallant Queen's Own Rifles on the

afternoon of the 9th inst., from the Armory to the Church of the Ascension, in Richmond street west, where service was held. The regimental band was also in the parade. The service consisted of the singing of a number of hymns, a sacred duet ("Faint Not, Fear Not, God is Near Thee"—Smart) by Misses Morell and Palm, and an eloquent sermon by Chaplain G. E. Lloyd. Rector Baldwin conducted the service. The discourse was founded on Matthew xxv. 13: "Watch, therefore, for ye know not the day or the hour wherein the Son of Man cometh." During the course of the sermon, which made several instructive deductions from the text, Chaplain Lloyd paid a glowing tribute to the memory of his dead comrade, Capt. Tom Brown. This reference visibly affected the entire regiment.

The Royal Grenadiers, about 300 strong, marched on Thursday evening, 13th inst., to Moss Park Rink, where they were manoeuvred under Major Dawson. The drill was satisfactory, and the regiment will be in good shape for the annual inspection. The regiment also paraded on Saturday afternoon, 15th inst., at 2.30 and took an outing. They went through some "extended order" movements, and finished up at Mr. Nordheimer's fine grounds, which had been kindly tendered for the occasion. There the troops were regaled with a good meal and marched home in the evening.

It appears that my remarks respecting the inspection of a new artillery range were partially incorrect. The range has been inspected, but not by Col's. Macdonald or Gray.

Corporal Drury of No. 5 company, Dufferin Rifles, has been reduced to the ranks for an act of insubordination in refusing to give up his side arms when asked to do so. Was this reduction made by the commanding officer or was it by a courtmartial? The regulations say that a n.c.o. is appointed by the c.o. and holds rank *during pleasure*. Some officers contend that they can reduce whenever they see fit, of course with the general officer's approval. I believe you decided in answer to a correspondent that a c.o. did not have this authority.

#### "C" CO., R.I.S., FIRST ANNUAL SPORTS.

The Royal School of Infantry held their first annual sports on the Garrison Common 13th inst. The weather was all that could be desired, and the events were most interesting, some of them being of a novel nature. The tug of war (ten men a side) was pulled on a principle different from the common method, the winners being obliged to pull every man of the opposite team over the line. The steeplechase consisted of a half mile run over rough ground, eight hurdles and three water jumps, the last jump being twelve feet wide. The arrangements were most complete, and the prizes were valuable and highly acceptable to soldiers. Many citizens witnessed the games, the fair faces of the ladies encouraged the contestants, and the sports throughout were an unqualified success. The following were the events and the winners:—

Best dressed soldier—Private Lloyd; 2nd, Pte. Braithwaite.  
 Throwing cricket ball—Private Ransbury, 99 yards, 8 inches.  
 Quarter mile—Pte. Burnham; 2nd, Pte. Dean.  
 Standing long jump—Private Tuft.  
 Standing high jump—Sergeant Borland.  
 Three-legged race—Privates Braithwaite and Ransbury.  
 Marching order race (120 yards)—Pte. Garlic; 2nd, Pte. Dunlevy.  
 Running high jump—Pte. Burnham; 2nd, Sergt. Hall.  
 Running long jump—Pte. Burnham; 2nd, Sergt. Borland.  
 100 yards—Pte. Tuft; 2nd, Pte. Burnham.  
 Wheelbarrow race (blindfolded)—Corpl. Butcher; 2nd, Pte. Murphy.  
 Mile race—Pte. Burnham; 2nd, Pte. Dunlevy.  
 Putting shot (16 lbs)—Pte. Tuft, 39 feet; 2nd, Sergt. Borland.  
 Sack race—Pte. Brothers; 2nd, Pte. Murphy.  
 Tug-of-war (between right and left half companies)—Won by right half company; time, 16 minutes.  
 Hurdle race (8 hurdles, 120 yards)—Pte. Pearson; 2nd, Pte. Burnham.  
 Steeplechase—Pte. Pearson; 2nd, Sergt. Borland.  
 Consolation race—Pte. George; 2nd, Pte. Fraser; 3rd, Bugler Simpson.

LINCH-PIN.

### Queries and Replies.

#### THE DISPOSITION OF THE SWORD—A TIMELY QUESTION.

Q.—*To the Editor*: At an inspection of a battalion when the senior major is called out to put the battalion through the manual and firing exercise, does he return his sword? I contend that he does not, and to settle a dispute the question has been left to your decision.

A. Your contention is correct. There is no authority for returning the sword, though this is commonly done through inadvertence, in the absence of any direction on the point in the Regulations. More than one instance might be quoted in which the Major-General commanding has at an inspection checked an officer for returning his sword when called out to drill the battalion.—Ed.]

The Victoria Rifles of Montreal passed a very creditable inspection on Saturday last before Major General Middleton, who warmly complimented Col. Henshaw and the other officers on the splendid appearance and drill of the corps. The inspection took place on the Champ de Mars. On the way from the armory, and returning, the Vics were repeatedly applauded by the citizens, who had turned out in large numbers to see the parade. Concerning the cycle corps, which appeared in full strength, the *Star* says editorially: "The 'cycle corps' of the Vics would look better if the men had short rifles slung behind their shoulders. As they rode at the head of the battalion on Saturday there was something wanting in their appearance. They had not even as much as a revolver, and well as they looked, there was a blank in their outfit. The men of the battalion were steady and soldierly looking, and there was a service appearance in its bearer corps. The 'cycle corps' was neat and well mounted, and we cannot but think that the authorities would do well to give the men rifles, and these, with a special kit, would make the corps look fit for duty."

## LYMAN'S FLUID COFFEE,

A HOME LUXURY FOR CAMPING OUT.

COFFEE of the FINEST FLAVOR can be made in a MOMENT, ANYWHERE, in ANY QUANTITY. As good with condensed milk as fresh, or as "Café Noir."

FULL DIRECTIONS WITH EACH BOTTLE

