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KINGSTON, 1st NOVEMBER, 1880.

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Conformement a la lol, toute personne qui recolt un jo. roul et qui ne le renvoie pas, so franve i bounce de droit.

Les porsonnes qui auraient quelques communications a nons adressor sont prices de nous les envoyer avant le Mda chaque mois.

Los porennes qui distrent entrer dans la Battorio "I ent prices desspresenterau Cummundani, (fingston.) tons les jeurs do 10 houres à midi, ou de lui en aper leur demande avec leur en 11 ente de bonhaceoniulis. If sui annel qu'elles sechoni litere corre qu'elles joules ent d'une bonne canta, que leur hauteur ne en t pas moindrode 5 pless 4 pouces, la mesure de la politine de 34 pouces. Enfin, nous les prévenous que les ouvriers charpentiers, menus siers et forgerons ent une extra pair de 20 cents par jour.

The Canadian Military Rovisw, NOVEMBER 1st, 1880.

Commanding Officers in the Militia.

The late action of the authorities in altering the organigntion and composition of the Militla staff has called forth many remarks and suggestions throughout the Dominion in reference to the claims and qualifications of those who may in the future seek higher appointments in the Militia.

A lecture delivered a few evenings ago at the Militia Institute, Toronto, by Captain Buchan, of the Queen's Own, is well worthy of the perusal of all who take an interest in our Colonial army. Quoting from Centurion he bays:-

"In the opinion of most officers of the Active Militia the time has come when the grouping of regiments into brigades and divisions could be advantageously effected.

"It would operate beneticially upon the organization of the force were the various arms detailed in due proportion to each brigade, and brigade commanders and their

staff appointed.

"Under the present circumstances existing corps would he robbed of their most efficient officers, at the most crifical time, in order to furnish the brigade and divisional commanders and their staffs. Allusion has hitherto been made to the effect that the Active Militia has been designated the 'Army of Canada.' This is not correct, nor can it be until the organization is completed. Regiments must be brigaded, and brigadiers and their staffs appointed; brigades must be formed into divisions, with their proportionate detail of cavalry, artillery, and engineers, their infantry and artillery, ammunition, reserve, military police, commissa rint, and medical departments, with their soveral arrangements for transport and supply. Divisions must be grouped into 'army corps' and 'army corps' the latter by Major Ridont 90th Regiment, mounted a into an 'army' before the technical definition of this term sion of "B" Battery under Captain Short, the was attained. At present the initiative only is taken in being under the command of Le-Col. Strange, R. A. these matters.

"It has been surmised that this would famish the pretext for the appointment of officers of the regular army to the staff and the higher commands. No more fatal Lt.-Col. Van. Straubenzie, D.A.G.; Lt.-Col. However could be committed. It would at once destroy the commandant R.M.C.; Lt.-Col. Worsley Brigade Mac caprit de corps and morale of the Canadian militia. The arrived upon the ground, and was received with a general control of the Canadian militia. experience gained by filling up staff appointments by loral salute. After inspecting the ranks, the troops by examp officers has not been a satisfactory one, and the into column and marched past, the mounted divisional projudice against such appointments is strong and growing and galloping past. An enemy being supposed ing. If it were understood that all army officers were have taken possession of Barriefield Village, the barri and brains to the intelligent study of the art of war must fon the vilinge they were eventually driven back on w be better qualified for command than another whose op-common, where equares were formed to receive cars portunities have been more limited.

The Major-General afterwards inspected the mens' is

land for experior officers.

We think that a staff course of extruction at the Royal Military College extends be established—in which com- . An account in the Toronto Mail of the 17th October.

manding officers should be obliged to qualify or else re main in their regiments (if they be desirous of doing so as honorary Liout.-Colorols only, and that those junic officers who do qualify and prove themselves worthy t command, should, in the event of service, at once be promoted to such positions as their abilities entitle them.

But as many officers from the pressure of busines could not afford the time to attend such a course of is struction, staff examinations might also be held once twice a year, simultaneously at Toronto, Montroal, Qu bec, St. John, N.B., and Halifax, papers being issued free the staff college, and the examination conducted under the direction of the D. A. G. of the District, affording sud officers an opportunity of studying and qualifying at the respective homes, if they have the ability to do so.

In the present state of military education and the hig condition to which the science of war has attain together with the many wonderful appliances and c gines of precision being continually introduced into the service—it would be madness to take our small force the face of a highly trained enemy without having forded the means for, and obliged, its officers to perfe themselves in that greatest of all professions, to whi their secuificing patriotism and loyalty, have indus them to enter.

Inspection of "B" Rattery Loyal School of Gunnery, Lingston.

The annual inspection of this corps by the Major G eral Cammanding the Millitia took place on the 19th a The Battery it marching order together with the Con-mon Cadets of the Royal Military College, word dra up in line on Barricheld Common at 9.30 s. in the form being commanded by Lt. Col. Montizambert, "B" I

, of A. Shortly after the appointed hour, Major General Luz accompanied by his A.D.C. Major Holbech, 60th Re-It is a fact that should our Militia be called into active and the bayonst exercise was gone through. So service, and the various battalions formed into brigades the evolutions and manœuvres gone through the evolutions and the driving of the field artillery over the rough and the driving of the field artillery over the rough broken ground, and up hills of forty-five degrees and for example of analyzances, from the bold land for example of the property recommendations. the various newspapers through the country rem

ing that "such fine driving had never been witnessed manis, and inspected the records, &c. To the comman-

er in Managemen

Royal Military College.

l'inst Opeicial Inspection ny Mator-General Libard.

company Sergt-Majors Doucett and Campball respective-ty: Major Ridout coming down the battalion were drawn of the line. When the commandant arrived on the ground no doubt but that they would earn for themselves in Kingston the cadets were allowed to fall out of the ranks, as the as high a reputation as they had in Quebec. result of a delay of half an hour in the general's arrangements. He arrived on the ground on foot a few minutes before ten o'clock, accompanied by his A.D.C., Deputy-Adjutant-General Straubenzie, Brigade Major Worsley, and Vol. Strange, and was most by C.A. Hewett. Drawn up in line in open order, the callets gave a general salute, the band of B battery playing a The General inspected the ranks, scrutinizing each cadet minutely. The ranks some one culled the recruits, surprised the on-lookers. Line was re-formed and the recruits were then marched to their quarters. After a few necessary battalien inovements, light infantory excercise followed. These were performed in a manner which proved the thoroughness of the training received. The cadets were then marched into the gymnasium, where a minute inspection of kits cook place; every article supposed to be used by the sollier in heavy marching order was exposed to view. Are fillery movements followed, in which the senior class did pot participate. When it is considered that one-hulf of he cadets who stood to the gans during the progress of the movement had only four hours previous training, the manner in which they performed the duties assigned them herited the culogistic remarks made. Company Sorga-lajor Campbell on being called to the front put the batgery through a number of movements in succession, inlading advancing from the right in column of division, graing advancing from the right for action, ground to the right aving been taken meanting, firing changing from the ction, firing advancing in line, fiving and retiring when balt was made.

At the conclusion of the artillery movement the Gene-

halt was made.

At the conclusion of the artillery movement the Geneinspected the model bridge constructed by the cadets and made from a plan furnished by Capt. Sankey. Major talker explained the nature of the work, and Col. Howett finted out the system upon which such practical engiseering was taught the cadets.

The General then proceeded to the gymnasium, where hietic exhibitions were given by the instructor, Staff-recant Morgan and the following cadets, Hubbell, Car-

in the Dominion before.

General Luard, after the review, inspected the barrecks, Buttery books, &c., and, wounderstand, was highly buildings demonstrated the want of sufficient accommodapleased with everything councited with the School that tique, On the ground during the inspection were the
came under his fotice.

To the contents and inspected the professors, and records with the professors of the professors families.

Militie Items.

On the 20th ülki diajor-General Luard paid his first official officers mess of "B" Royal School of Gunnery, on the after isit to the Royal Military College. The hour appounced visit to the Royal Military College. The hour announced man of the 68th ult., being on a visit to Kingstan in councefor the inspection was half-pastaine; at which time the
tion with the opening of the New Civil College,—he was recadets were drawn up in two companies, commanded by ceived by the Commandant Lt. Col. Strange, R. A., the military staff of the district and the officers of the Royal Military Colty: Major Ridout coming down the battalion were drawn lege, the mounted and dismounted division were turn out for up in line ready to receive him. The recruits, in charge His Excellency, who addressed a few words to the men—sayof Stuff-Sergeant Morgan, occupied a position on the left ing that he was glad to see the Battery so soon again—and had of the line. When the commandant arrived on the ground no doubt but that they would care for themselves in Kingston

> Major General Lund arrived in this city on the 18th ult, and remained in Kingston until the 22nd, taking up his quarters at the Royal School of Gunnery.

-The Royal School of Gunnery were taken out on the 30th ultiply the Commandant to make a reconnaissance the ranks, scrutinizing each cadet minutely. The ranks Gananoque road towards Kingston. The mounted divibating been closed, the line broke into column to the sion acted as "sclaircurs," who, Laving discovered and right, when the march past, a movement which is invaridativen in the alvance scouts of the attacking force, found ably the test of a British soldier's steadiness in the ranks, their strength, disnosition—and made a reconnaissance in quick and double time, took place. But the arranks, their strength, disnosition—and made a reconnaissance in quick and double time, took place. in quick and double time, took place. Both companies of the ground—the main body advancing in skirmishing marched remarkably well, and the "little follows," as order to the attack, but finding the main body advancing in skirmishing some one culted the recently and the "little follows," as order to the attack, but finding the account of the second state of the seco order to the attack, but finding the enemy was strongly entrenched, retired, having accomplishod its object by drawing the attention and fire of the enemy, whilst another division outflanked them on the left. Col. Strange, the Commandant, explained minutely to the officers and men the object and aird of such manœuvres, all of which were executed in the most perfect manner. Such instruction as this cannot fail to be of the greatest value in many ways to the officers and men, especially the cavalry section attached to "B," Battery, Royal School of Gun-

> -At the 9 Pr. R. M. L. shooting competition which took place on the 22nd ult., at the Island of Orleans, between a detachment of sixteen men of "A" and "B" Batterior resulted in a victory for the latter by 133 points. The scores of the Batteries were "B" Battery, 547, and "A" Battery, 414. The highest individual score, 49 points, was made by Br. A. Roberts, "B" Battery, and the next, 47, by Corpl. Humphreys, of "A" Battery,

> The Gaspe Battery of Garrison Artillery, under command of Major Slous, performed their annual target practice on Tucsday, 12th Oct., when they made the respectable score of 241 points, the highest individual score being 44. A much larger total would have been obtained had it not been for a strong breeze blowing across the range, and six shells breezing too late oring to defective fuzes. In the afternoon Lf.-Col, Cotton inspected the Battery, when that officer expressed himsolf wall satisfied with the evolutions performed consider ng the short time allowed for drill,

-We are glad to be able to state on the best author ty that Sthers, Lang, Necland, Byan, Weller, Greenwood, Wnrthe paragraph copied in car columns from the Toron a, Mail Taylor, Anderson, Duff, Clarks, and Skinner. The with reference to the non-placing of targets by, "A." Buttery, from severeises elicited hear—appliance, The bexing for the Montreal Field Battery at the late applied of a stery of the college. Quebec was incorrect. Everything was done by "A" Battery and was sue to assist the Montreal Field Battery that on former of a second with vigour.

All represent the following cadets, Hubbell, Car—we are glad to be able to state of the best author ty that the bounds of the best author ty that the bounds, of which Lt. el.

.. 41

Strange was master, and Col. Montizambert and Capt. Short for many years respectively, secretary, trensurer, whip and huntsman, have been taken up by Lt.-Col. Irwin, Capt. Wilson and Peters, of "A" Battery, with the assistance of the inverse sportsmen, Capt. Temple, Col. Turnbull, Major Stuart, and others. This is as it should be. The hunting field has aver hear to the British officer a bett string field has ever been to the British officer a better training than the riding school The immortal Duke kept fox hounds in the Peninsula, and said his hard riding officers were his best staff. More than once has the retreating enemy heard the keen "Halloo!" of the British fox-hunting officer as the old habit broke out in the grim moment of strife for life and death.

Military College.

Annual Athletic Exhibition-Distribution of Prizes to the Winners.

On the 22nd ult., the athletic sports (annually occurring) in connection with the Royal Military College commenced at 9 o'clock under favourable auspices, During the morning the attendance of out-siders was not very good, indeed the afternoon land been fixed upon by most of those not immediately identified with the college as the most opportune time for a visit, there being then an additional attraction in the presence of Major-General Luard and staff, who spent the early part of the day in a minute in-rection of the armories of the 14th P. W. O. Ruses. Uniortunately shortly after noon the horizon became clouded and this circumstance was followed by a fall of rain, which caused the retirement of some who had already assembled on the ground and prevented the attendance of others. The disappointment must have been keenly felt. There was still, however, quite a gathering of military men and others and not a few ladies. The band of "B" Buttery performed during the afternoon a choice selection of music. All the games were eagerly contested. results in some cases were considered very remurkable. The judges were as follows:

The programme of the day's sports were as follows, the inners of prizes being marked with an asterisk:

Throwing cricket ball-Rose 107 yds., Laidlaw 100 Ide., Clarko 96 yde.

Kicking foot-ball-*Holgins 138 ft., Stairs 136 ft., Ross

135 ft.

Running long jump—*Duff 17 ft. 11 in., Vaa Buskirk 17 ft. 11½ in, Ross 17 ft. 10½ in.
Putting 24 lb. shot—*Yates 28 ft. 6 in., Weller 27 ft. 9 in., Ogilvio 27 ft. 8½ in.
Running high jump—*Woodman, 4ft. 11in., Neyland

and B. Carruthers a tie, 4 ft. 10 in.

Throwing 18 lb. hammer—Ogilvie 61 ft.; Lang 57 ft. 61 in.; Andrews 57 ft. 4 in.

Heavy merching order race, 100 yards _* Joly 13 sec.; Scors, Laurie.

100 yards race-*Duff 97 sec., Joly.

One mile race—Kirby 5 min. 291 see.; *Daniels, *Skinner.

Obstacle race—*Hooper, Heskitt, Skinner. ' A second obstacle race took place to permit of the General seeing it—Hubboll and Straubenzie winners. The General will present a prize hereafter.

120 yards hurdle race-*July 184 sec., A. Stranbenzie, Hooper.

Jumping with pole-*Anderson, 8 ft. 10 in., Miller, Hubbell.

Steeplechase, half a mile-*Joly, 3 min. 21 sec., *Mr. such as Canada, Australasia, and the Cape. Kay, *Skinner

Three-legged race-W. B. Straubenzie and Warner and Mauritius.

Schools of finingry, and Queen's College, 440 Jards-I Malta and the Falkland Isles, &c., &c.

*Liont, Donison, 1st Staffordshire Rogt.; Joly, Van Buskirk:

Consolation race, open to cadets only-*Hesket, Weller, Laurie.

Tug of war; Staff v. Oulets-Won by the latter. The boat race did not fill and did not take place.

At 4:30 o'clock the proceedings came to a close, the contestants, judges and spectators adjourning to the gymnasium, where Major-General Luard presented the prizes to the winners, as their names were announced by Major Ridout. Each prizeman was applauded as he came forward, especially Cadet A. Joly (son of Hon. H. G. Joly) who won in the greatest number of competitions.
Subsequently General Linux addressed the young men.

He alluded to the pleasure which he felt in distributing the prizes on this occasion, and also the pleasure which he had in seeing the way in which everything about the college was carried on. He was glad to note that some of the cadets had carried off the great prizes of four com-missions in the army, offered to them by the Imperial Government. He was sorny these were the only prizes. He hoped ere long to hear of some means by which the cadets would receive employment under the Government and thus be kept in the country. He did not wish to he understood, however, as making any promises. He hoped the Imperial commission would make the cadets strive to emulate those who had obtained them. He noted the presence of a former cadet, now Lieut. S. A. Denison, of the First Staffordshire Regiment, who had entered into the competition and won a prize. The General was cheered as he retired. The audience dispersed with cheers for the Queen,

Correspondence.

To the Editor of the Canadian Military Review."

Sir, In the paragraph relating to our target practice (copied from the Muil), which appeared in the last issue of the REVIEW, one or two statements are made not quite in accord ance with facts, and, therefore, I will feel obliged if you wil have the goodness to insert this correction. At the recent practice, we experienced the utmost kindness from Lt.-Colore Irwin and the officers of "A" Battery. They did all in their power to facilitate us, and rendered us every assistance which we could have expected or desired. In truth, they followed precessely the same course which Lt. Col. Strange and the officers of "B" Battery have, for several years, so kindly take when we visited Quebec for a similar purpose. To the trofficers named above, as well as to the officers and members both "A" and "B" Batteries, we are under great obligation for the courtesy and kindness shewn us on these occasion. The reference to the score of the Toronto Field Buttery purely imaginary; I had no knowledge whatever about unit I saw it in the REVIEW.

> I am, Sir. Yours, faithfully, A. A. STEVENSON, Lieut. Colonel, Commanding M. F. B. of A

Montreal, Oct. 23, 1880.

Defence of Great and Greater Britain

Colonies may be divided into three classes:--

1. Colonies proper - Agricultural, pastoral and mining

2. Plantation Colonies—such as the West Indies, Cerk

inners.

3. Military or trading settlements—such, for example Strangers' race, open to cadets and ex-cadets, Royal Cyprus and the Fijis, Bermuda and the Straits Settlements.

đ

COLONIES PROPER

Of these classes the first demands closest attention, for, as Heenau says, "the colonists who form them become in process of time a nation properly so called.

Naval and military resources may be grouped under two heads, "raw and developed." Men, for example are "raw heads, "raw and developed." Men, for example are "raw materials," but the trained scaman and disciplined soldier are "developed resources." Coal and iron are "raw materiale," us, and an incalculable increasing gain of war power in the futhe ironelad the perfect product of their development. It is ture to a possible enemy.* The transfer of population from therefore necessary to examine the nature of the raw materials before entering on questions of their present or possible future development.

It must not, however, be forgotten that numerical strength of population is—as an element of war resources—directly affeeted by reference to the territorial area over which it is distributed. Now there are some 389 persons on every square mile of England and Wales, while in Australasian colonies, the most densely populated, Victoria, has but 10 to the square mile; and the least, Western Australia, but one individual to every 38 square miles.

In Canada, a population about equal to that of London is distributed over an area half as big again as that of Russia in Europe.

. In viewing population as a raw material of war resources, it is to be observed that emigration from these islands to a foreign territory represents so much present loss of war power to one part of the Empire to another merely varies the distribution of this element of strongth, and such redistribution may, if utilized, be of anestimable benefit in war. The pale-faced artizan, born, bred and working in the fætid atmosphere of an overcrowded manufacturing town at home, is a very inferior. "raw material" of war resources—to the hardy Englishman laboring by the shores of Winnipeg, the banks of the Murray. or the Clutha, or on his "claim" in Griqualand West. The historian Froude has so elequently and foreibly written on this subject that further remark is needless. Some very striking passages from his "Short Studies on Great Subjects" will be found in Mr. Brassey's paper in the Journal of this Institution. It is, however, proper to call attention to the opinion of a military authority. "The Canadians possess," says Lieut-General Sir Selby Smyth, "in a marked degree, qualities to make excellent soldiers, being both hardy and industrious, used to rough life, easily subjected to discipline, and willing to submit to necessary authority..... There are no better soldiers than Canada can produce." Turning our eyes towards these islands, it must be acknowledged that manufacturing progress at home is rapidly absorbing rural populations, and shrinking the recruiting area which, from natural causes, provides the best raw muterial of military force. It is calculated our home population will amount in seventy-six years from this to some sixty millions, nearly double what it is now. We may therefore expect the quality of raw material yearly offered by home recruiting fields to diminish rather than to increase with numbers; while in our colonies it is both in quantity and quality increasing every year at a rate difficult to accurately estimate. It has, however, been calculated that, in some twenty-one years from this date, the aggregate population of Canada, Australasia, and the Cape will be some lifteen millions, nearly half what the total population of the United Kingdom is nowabout equal to what it was at the date of Waterloo.

Before, therefore, the Naval Cadet of to-day is an Admiral; before the Sandhurst Cadet of to-day is a General Officer Commanding, colonial population will form numerically a very substantial proportion of British war resources, and probably, be superior in quality to that likely then to be furnished by the mother country. The true availability, therefore, of this element of national war strength lies—as regards these coloniesmore in the immediate future than in the actual present; but, forasmuch as it takes a whole generation to build up a national, naval or military organization, it is full time now to begin to lay the foundation of such a truly national system as shall embrace all the products of these British developments, and have for its object the welding together of the elements of English war strength into "one harmonious whole." It appears to me that a system which now does not do so, must, in digeneration, be discarded as effeto and obsolete, or remain-to. produce gradual but certain disintegration of English warpower by excluding from its original sources of naval and military strength the more vigorous portions of our race.

Questions concerning the raw materials of war resources, offered/by the subject races in Canoda and at the Cape, should properly here be considered. It is, however, the special a sub-

These Agurds are in round numbers for illustration of principles.

During the twenty-five years ending sist December, 1877, upwards of 4,000,000 persons (of Briefsh, origin) emigrated from the United Kingdom, of which 2,700,000 in humber greater than the present totals no population of Switzerland—went to the United States. In 1877 the emigration was as follows:

45,000 to the United States,
50,000 to Australia,
7,000 to Canada.
11,000 to all other places.

These figures are in round numbers for illustration of principles.

native races to British is very small, but it may be fitting here ed. to quot from an address to the Queen from the Chiefs of Six Nations, assembled at their council fire, during the Crimean and gloom of war, our clear duty and our only hope is still to War. Great Mother, they wrote, your children of the advance shoulder to shoulder, helping the weak and cheering Six Nations have always been faithful and active allies of your on the strong, until we have prepared for those who come after Crown, and the ancestors of your Red children never failed to us a safe camping ground on the shores of a great future. dssist in the battles of your illustrious ancestors."

onies and possessions is something like £300,000,000. The that our Empire shall remain one and indivisible "till wars value of exports and imports of the United Kingdom was but shall have ceased in all the world." some £60,000,000, while last year it was £655,000,000, therefore the colonies alone have five times and we have ten times a greater stake in the sea than we had in the year succeeding Trafalgar. The navy estimates for 1905 in 1814 they were £22,000,000, or a little over one fourth of The value the value of our exports and imports of that year. of exports and imports of Australian colonies alone is now

in 1814 they were £22,000,000, or a little over one fourth of the va we of our exports and imports of that year. The value of exports and imports of that year. The value of exports and imports of that year. The value of exports and imports of that year. The value of exports and imports of that year. The value of exports and imports of that year of peace of Amens. Such facts as these sufficiently indicated that the burden or protection of sur common commercial war must be shared and justly distributed according to the engacity of the several joints in the Imperial back, they point of the engacity of the several joints in the Imperial back, they point each perton of it should be independently responsible for its territoral defence, no matter whether the population or internal resources of each are sufficient for the purpose or not, it has acc. jeted a principle which renders it inhibe in war to stipligation in detail, unless the failuey be assumed that the field of the United Kingdom can everywhere prevent any basile at the colonies ruin. I venture to think the colonies have been a sufficiently and the colonies ruin. I venture to think the colonies have been internal the colonies ruin. I venture to think the colonies have rever be in ackled a question in the matter, and have simply accept d thus principle of "domestic defence" because they were let us choice but to adopt it. They are loyal, and they are tree, and though they must each and all, except Canada, in the case of the point of the colonies ruin. I venture to think the colonies have rever and though they must each and all, except Canada, in the colonies ruin. I venture to think the colonies have reversely the principle of "domestic defence" because they were let us choice but to adopt it. They are loyal, and they are tree, and though they must each and all, except Canada, in the colonies ruin. I venture to think the colonies have been allowed to the colorest the colorest that the colorest the colorest the colorest the colorest three colorest the colorest

ject to introduce incidentally. Such resources, whatever their to make plain, and to render safe. We see before us tangled true value, must ever be secondary to those furnished by Bri masses of confused systems, which we must do our best to clear tish blood. Those at the Cape can only be fairly estimated away. We are warned of the dangers of our path by the when the present war is closed. In Canada the proportion of whitened bones of empires which have gone before and perish

But through the sunshine of peace, or through the darkness Then, and not till then, can we take the rest of the weary, con-The aggregate value of exports and imports of British col- fident that so far as in us lies, we have done our part to ensure

(To be continued.)

Africa.

(FROM A MILITARY CORRESPONDENT.)

UAMP, SIKUKUNI'S TOWN, Dec. 2nd, 1879.

Wot. I. No. 10.]

CANADIAN MILITARY REVIEW.

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It is the hearbited, were to advance on the contenting mass of the property Vol., I. No. 10.]

CANADIAN MIL

Lim to be assalted, were to advance on the norticely face of the will in time to be on the top and communication attack from the beauty of the property of the will in time to be on the top and communication attack from the beauty of the mountain was under the order of the search of the fortoe on this side of the mountain was under the order of the fortoe on this side of the mountain was under the order of the fortoe on this side of the mountain was under the order of the order of the fortoe on this side of the mountain was under the order of the order of the control of the control

All was now ready for the attack on the Fighting Coppie. The Swazies were endered to take their place with the rest, but showed no incingation to do so. Two rockets were sent up as the signal for the attack, and from all sides a simpliancous rush was made. It is scarcely possible to imagine a pretitor or more distantial sight. In a few seconds the foot of the hill was reached by the 21st, fifth, and the demenheir of the 8th, with the General's essort, by furington and Fereira's volunteers and then once more came that cut to a shoot shoot upto the wind, and on rushed the Swazies with their waving plumes, determined not to be left behind, on like young antelopes bounding over rock and crowasse, and soon overlaking their more nearly weighted ritals. Nothing could have been better than the rush of our "hoy soldiors" relicoring, shouther must sake you to remember that the test is a soveroung, and I must ask you to remember that the test is a soveroune, for the 21st was the regiment singled out in his recent article in the Ningteenth Century. "by Lt -Colonel Knowles, as representing the nee plus vilra of all that was defective in our boy-dom. Here they were taking at one rush, and in asshort a time syoning legs could occupy in running up it—a pace held by all the country round to be absolutely imprograble. In less than six or soven minutes every detence on the face of this reductable hill was in our hands, and it only remained to deal separately, cuve by cave, with those isolated defences. Several Boers are currently reported to have come down to the neighborhood to cupy, the special oftour repulse from the mountain. There can be no question and which it was taken, any hope of armed realstance to our slie will vanish from the minds of the deaf separately, cave by cave, and the style dard manner in which it was taken, any hope of armed realstance to our slie will vanish from the minds of the deaf separately.

Military Mounted Exercises.

The Duke of Cambridge, Field-Marshal Commandingin-Chief, has approved the following regulations for the practice of the tent pegging and other cavalry mounted exercises which are now officially recognized as a branch of the military art:

I. The following instructions, which have been framed for guidance in the practices of tent-pegging, lemon cutting, and other cavalry mounted exercises, are to be strictly adhered to. 2. The horses used for these practices are to be not less than six years old. They will be selected from the streng and active horses; horses of a nervous temperaturent will not be used. 3. These exercises are not to take place oftener than twice in each week. 4. No horse will be ridden more than three runs on any day. 5. At all times an officer or reliable non-commissioned officer, who is himself thoroughly well instructed, is to superintond the practice. 6. As accidents to the horses are likely to happen from want of skill in the riders, the men will commonce with blunt spears (without heads) They should at first be taught to move at a walk, then at a canter, and, when they have become expert with their weapons, at the full speed of their horses. 7. Steady men and good riders only (particularly those with ligh hands) should be permitted to practice. 8. The men will be in the case of the steady men will be in the case of the steady men and the steady men will be in the steady men and steady men structed not to pull up their horses too sudd they after The stores to be twenty feet in rear of the traverse, with the passing the peg. 9. The mon should be particularly in exception of five handspikes, which, with the sidearms, are structed that in tuking the peg speed and style will be at the gun. Stores to be re-placed when gun is mounted to be at the gun. taken into consideration in awarding prizes: 10. The knuckles must be kept down, and the point of the spear held a little outwards; the spear will then naturally be recovered over the back, and not over the arm, which is liable to hurt the wrist. 11. When cutting at the lemon, the chief object should be to cut with the edge of the sword. No good mark should be given to a man who merely knocks the lemon off the stick; or bruises it, and does not givo a clear cut:

Military News.

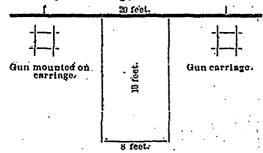
Krupp's guns have always been remarkable for their relatively great length. Thus the bore of the German 71-ton gun is no less than fifty-five inches longer than that of the English 100-ton gun. In the Krupp guns of smaller calibre the length relatively to the calibre is even a reater than in the heavier ordnance; the length of the contimetre gun employed in the experiments at Meppen in Angust, 1879, being equal to twenty-eight times its cribbe. The results obtained with this gun, which is per haps more largely comployed in the German service that my other, being used as a fortress and siego as well

as a coast defence and naval gan, were so satisfactory that it was determined to construct for experimental purposes another gun of the same enlibee, but of even greater longth. Accordingly the Essen firm completed 2 15.24-contimetre gun having a bore thirty times as long as its culibre. Firing an armour-piercing projectif-weighing 50 kilogrammes (110 lb.) with a charge of povas its calibro. der of 16 kilogrammes (35 lb.) a muzzle velocity of 531.5 moties (1,722 feet) per second was obtained; the shot at a distance of 1,500 metres from the gan still a taning a velocity of 433.0 metres (1,405 ft.) per second With a common shell weighing 35 kilogrammes (77 lb) and a charge of 16½ kilogrammes (or 36 lb.) of pewders muzzle velocity of 623.1 metres (2,018 feet.) per second was obtained. The muzzle-velocity of the armour piercing projectile of the English 74nch gun, it may badded. is only 476 metres, and that of the 8-inch gun 483 metres per second, while for every pound of metal in the Krupp 6-inch piece develops an energy almost exactly double that given by the English 7-inch and 8-inch guns

DOMINION ARTILLERY ASSOCIATION.

SHIFTING ORDNANCE COMPETITION, BETWEEN THE ROTAL Schools of Gunnery, at Quebec, October 23BD, 1880.

SHIFT.—A 32 por. gun on common standing gun carriage (supposed disabled) in position for loading, to be dismount over the side, and mounted on another carriage 20 feet from it The gun to be taken round the rear of a traverse between the carriages, by means of skids or ground rollers, the traverse be 8 ft. thick by 16 feet long;



the muzzle of the gun to be 3 feet from parapet at starting Stores allowed:

> 10 feet lever. 8 handspikes 2 heavy drag ropes, 2 mauls: 2 luff tackles: 1 roller, 14 in. x 5 in. 2 " 24 in. x 5 in. 1 " ground. 8 scotches: 2 skids, 14 feet x 8 in. x 8 in. 3 feet x 4 in. x 4 in. 3 feet x 6 in. x 9 in. 2 straps, or selvagees.

Sergt: Athaws commanding "A" Battery. Setgt.-Inst: Lyndon commanding "B" Battery: Umpire-Lt.-Col. Irwin. Beferce-Lt.-Col. Montizambert, "B." B. Time-keeper—Capt: C. Lindsay, Q.F.B. Time:—"A" Battery, 5 min. 412sec: "B" Battery, 6 min. 10 sec.