agreed that Sir John Michel and no husiness in Wilton on Saturday, and if he won a neavy cavalry, not deterred by the examination at all he lost it again by running in ples that had begunnade of their comrades, side the post. Sir John Michel, therefore, it is said, was to:day allowed to be on the northern side the Wiley only by favour, and was strictly debarred from occupying Yurn-bery Castle, though he would natur-ally have done so had his foothold been

sound. Very little freedom of action was permitted to the rival generals. Last night the Commander in Chief drew up instructions which restricted Sir John Michel to the lines between Chitterne Down and Lamb Down, and Sir Robert Walpole to the ground be-tween the Barns and Wiloy village; the latter had the advantage of the strong posi tion known as Yarnburg Castle, the remains of an old Roman fort and entrenchment. The movements of either side being thus, one would think needlessly, hampered, no use could be made of the cavulry to feel the enemy, and the contending armics were perforce drawn up in battle array very much as they might have been in the Long Valley, only that the ground being so much more accidented, troops could be moved from point to point with less exposure, and fluk movements might be attempted with some chance of success. As a refreshing change, which must have been grateful, to his forces, General Walpole made up his mind to be the assailant for the first time, and all his brigades were in position, ready to begin at the appointed hour-nine o'clock when an order came, from the Duke to defer the operations for half an hour. Whether this dolay was prejudicial to the Northerners us the staff apposr to think, is doubtful, but at any rate such an interference in the programme at the eleventh hour was indiscreet and unpopular. The explanation of the why and the wherefore has been offered. and even if the distinguished foreigners had overslept" themselves, as has been suggested, that was no valid reason for "chang-gested, that was no valid reason for "chang-ing the fixture." The engagement cont-menced with an artillery duel of some-duration; then the 5th Division, under Lord Mark Kerr, advanced on the left, covered, by the guis in Yarnburg Castle juit having crossed the valley which runs down towards licharton and faced the steep ascent to Fisherton and faced the steep ascent to Lamb Down, they met with an unexpected ly warm reception. The Guards and the 16th Regiment were strongly posted in a shelter-trench, dug expressly during the morning, all along the crest of the hill for upwards of a mile; a battery was behind them, and Max. well and Pakenham's brigades, on whom devolved the task of storming the heights fulled in their object. But why chiefly? Because Sir. A. Horsford brought up an overwhelming force to support his skirmishing lines whereas a divide had divided by ing lines, whereas " alpole had drubbled his battalions all over the field in such a way that they could be massacred in detail, as were his cavalry on Thursday last, and his artillery, as on Saturday, were "nowhere." artillery, as on Saturday, were "nowhere."
On his left, therefore, he was unsuccessful, except inasmuch, as, he subsequently succeeded in occupying Wiley. On the right, thanks to Calonel Baker's temerity and Colonel Marshall's good management, he was less unfortunate. The Southern Light. Brigado made a bold roid from Chitterne, Down, round Gibert's Copse, and were about to swood down on the Household Cavalry, when Marshall skilfully withdrey, his regiments, and tho six guns bitherto so about to swoop, down on the Household quence, expressed in official opinion that the capacity, when Marshall skilfully withdraw the proyect reference in the projectile is capabilly masked opened arbitish fire midth too great the their strength, and that this area and Lancers bent a hast retreated their trials thill to mide with powder but every saddle must have been emptical difficulties this will be with powder they got out of range, and to that offect of the projectile fired.

ples that had been made of their comrates, also essayed to charge, but ther discomiture was equally signal. In concert with Marshall, the 9th Lancers and 13th Hussars worked round the enemy's left flank, and would have fillen upon his inlantry with great effect, lint, lo I and behold, the dead Hussars and Diagoons had reformed, and were ready to receive them. In My this time the heavy clouds, the diviving rain, and the dense smoke, which could not lift owing to the weight of the atmosphere so completely obscared the view that North could not be distinguished from South, the various positions could not be apprehended. vatious positions could not be apprehended, and dire confusion was impinell, when His Royal Highness ordered the bugle to sound, the the combat ceased. Illtherto, with rather a wint of consideration, the troops have each day been detained on the ground until the Duke had finished his admonitory untit the Duke had finished his admonitory ddress, but today they were permitted to much off at once. The Northern Army will encamp to night on Stonellenge Down, the Southern in the neighbourhood of Berwick St. James, and to-morrow the last struggle will take place, Walpole holding Amesbury as his base of operations. No decision as to which carps victory belonged was announced on the field, but the general matters on it has Muntel has again a score? impression is that Michel has again "scord." In spite of the inclemency of the weather, the Prince of Wales was present throughout the day, and our hereditary legislators were again in great force, The foreign officers were sumptiously entertained at Longleat yesterday, and a large house party assem-led to rece to them, including the Dudless of Bucca, ich, the Ladies Scott, Lord Denbigh, &c. , ,,

i. (1: (To be continued.)

The envaluy Boot versus overall controversy is in full vigor in the French cavalry. The authorities have not yet decided whether the pantaloon and boot to the knee should he adopted or not is the Frenchitting. The French officers say that the boot has no doubt great advanvages, and allows the rider to have a closer seat on horseback, but in wet weather it shrinks, and becomes ut terly useless, unless retained night and day on the leg. In one of the hussar regiments now in camp at Roquencourt, near Yersailles, the men are weighing a new pattern of "booted overall," which looks very well. The overall is made of red cloth as usual, but fitting rather tight, something like breeches. The leather booting is brought, up to the knee, and fishioned like a "Neupolitin" boot, so that the soldier looks, at a very short distance, as if he were boots and broeches. 1. o leather booting is made to it pretty tight to the leg, and those who have tried it say it is quite as easy to ride in as long boots. It is thought not unlikely, that these overalls will be adopted through out the French cavalry.

It, reported apparently on good, authority that four of the recently-constructed Russian I l'in recelliguns have burst supon proof with ordinary buttoring charges, and that the Russim authorities have in consoOFFICERS SHORT COURSE "B" BAT-

GUNNERY SCHOOL.

Quanto, October, 1872.

GUNNERY.

1. Define the following terms:--

Line of Sight. Fire. Trajectory.

Range. Point Blank, Windago-Its advantages and dis-

advantages, energy of a shot.

Give rule for calculating the distance of an object from an elevated bat-tery. What would be the distance of a ship from Kingsbastion height, 317 feet, angle of depression 4° and at what distance would she be secure from the fire of the Rifled Gun on the salient, supposing she was able to close with the battery?

4. What advantage is gained by rifling a gun?

5. Which is truest in flight—a soud shot or common shell? Give rosson for opinion.

8. Describe the Wootwich, Shunt, and B. L. Armstrong systems of rifling, and the advantages and disadvantages of

7. How would you construct a tangent scale and calculate the length of a degree, if the one in use was broken in action or lost.

8. What does the length of a gun depend upon?

9. Calculate the length of time-fuze for the following ranges.

S. B. Common. 1,400 yds. " Shrapnel ... 1,200 "
Large Mortar Shell ... 1,300 "
Small " " 700 "
7 B. L. R. Common ... 2,000 "

10. What relation do the figures on the fuze bear to the time of flight?

ARTILLEUY MATERIAL.

- I llow is rope described in official demarids? Given a rough rule to cal-culate its strength, and the size-that will suit a given block.
- 2. How are guns described? What rules are laid down for their description?
- 3. How are the bursting charges for Common and Shrapuel Shells regulated? and state reasons, "giving bursting charges for Shraphel Shells for 68, 32, and 24 P. S. B guns?

4. State when you would attach subject to shot and slight. Describe the modes of attachment for land and sea service.

5. Describe Palman's Land Service Percussion Fuze, with the aid of a sketch. What are the points of difference between this fuze and the ? General Service?" Why is the former not adapted for use with Rifled guhs?

6 Howard shells propaged for Petman's L. S. Fuze, and how are such sholls distinguished?