

N. C. OFFICERS GARRISON ARTILLERY.

(Questions—Value Two each.)

- 1.—Describe the time fuze for Shrapnel shell.
- 2.—What are the rules for obtaining the length of fuze?
- 3.—What are the rules for obtaining the elevation for any range?
- 4.—What are the general duties of a N. C. officer in charge of a guard?
- 5.—Describe the action of Petman's L. S. Percussion Fuze, on discharge and on striking the object.
- 6.—State the weights of the service and blank charges for the gun used by your Battery, and the bursting charges for Common and Shrapnel shell.
- 7.—What classes and descriptions of powder are used for the above?
- 8.—Define the meaning of Dispart, Windage, Range, Deflection.
- 9.—Describe briefly, wood bottoms for Common and Shrapnel shell. Friction tube.
- 10.—What implements are required for boring and fixing fuzes, and for preparing shell?
- 11.—What stores are required for parbuckling?
- 12.—Describe "a luff tackle," and "a whip upon whip."

NOTE.—Not more than two of the above questions to be put to each N. C. officer present at inspection. No special order of precedence to be observed and the same questions not to be asked twice.

D. T. IRWIN, Lt.-Col.,

Inspt. Artillery.