



OFFICIAL REGISTER

OF THE

Officers and Cadets

OF THE

U. S. MILITARY ACADEMY,

West Point, N. Y.

---

JUNE, 1875.



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# BOARD OF VISITORS.

JUNE, 1875.

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2. PROFESSOR DANIEL C. GILMAN, (*Secretary*). .... CALIFORNIA.
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9. HON. MATT W. RANSOM, UNITED STATES SENATE.
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11. HON. THOMAS J. CREAMER, UNITED STATES HOUSE OF REPRESENTATIVES.
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# Officers of the Military Academy.

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## Superintendent.

Colonel THOMAS H. RUGER, 18th Infantry.

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## Military Staff.

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Captain JAMES M. MARSHALL, Asst. Quartermaster, U. S. A., *Quartermaster*.

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Surgeon BERNARD J. D. IRWIN, U. S. A.

Assistant Surgeon ALFRED C. GIRARD, U. S. A.

Assistant Surgeon FRED C. AINSWORTH, U. S. A.

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## Academic Staff.

- |  |   |   |
|--|---|---|
| Lieut. Col. EMORY UPTON,<br>1st Artillery,       | { | COMMANDANT OF CADETS, and <i>Instructor of</i><br>ARTILLERY, INFANTRY AND CAVALRY<br>TACTICS. |
| Captain EUGENE B. BEAUMONT,<br>4th Cavalry,      | { | <i>Assistant Instructor of Cavalry Tactics.</i>   |
| 1st Lieut. SAMUEL M. MILLS,<br>5th Artillery,    | { | <i>Assistant Instructor of Artillery and Cavalry</i><br><i>Tactics.</i>                       |
| 1st Lieut. JOHN F. STRETCH,<br>10th Infantry,    | { | <i>Assistant Instructor of Infantry Tactics.</i>  |
| 1st Lieut. JOHN M. K. DAVIS,<br>1st Artillery,   | { | <i>Assistant Instructor of Artillery and Infantry</i><br><i>Tactics.</i>                      |
| 2d Lieut. ALEXANDER L. MORTON,<br>5th Artillery, | { | <i>Assistant Instructor of Artillery and Infantry</i><br><i>Tactics.</i>                      |
| 2d Lieut. OTTO L. HEIN,<br>1st Cavalry.          | { | <i>Assistant Instructor of Infantry and Cavalry</i><br><i>Tactics.</i>                        |

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1st Lieut. JOHN G. D. KNIGHT, } *Assistant Professor of Mathematics.*  
Corps of Engineers, }

1st Lieut. CARL F. PALFREY, }  
Corps of Engineers, }

1st Lieut. FRANK HEATH, }  
Ordnance Department, }

1st Lieut. FRANK BAKER, }  
13th Infantry, }

2d Lieut. WILLIAM P. DUVAL, } *Acting Assistant Professors of Mathematics.*  
5th Artillery, }

2d Lieut. HENRY L. HARRIS, }  
1st Artillery, }

2d Lieut. CLARENCE A. POSTLEY, }  
3d Artillery, }

2d Lieut. WALLACE MOTT, }  
8th Infantry, }

ROBERT W. WEIR, N. A.,.....*Professor of DRAWING.*

1st Lieut. SEDGWICK PRATT, } *Assistant Professor of Drawing.*  
3d Artillery, }

2d Lieut. CHARLES W. LARNED, } *Acting Assistant Professor of Drawing.*  
7th Cavalry, }

HENRY L. KENDRICK, LL. D., } *Professor of CHEMISTRY, MINERALOGY AND*  
GEOLOGY. }

1st Lieut. DAVID D. JOHNSON, } *Assistant Professor of Chemistry, Mineralogy*  
5th Artillery, } *and Geology.*

2d Lieut. WALTER S. WYATT, } *Acting Assistant Professor of Chemistry,*  
9th Infantry, } *Mineralogy and Geology.*

PATRICE DE JANON,.....*Professor of the SPANISH LANGUAGE.*

2d Lieut. DAVID S. DENISON, } *Assistant Professor of the Spanish Language.*  
5th Artillery, }

2d Lieut. GEORGE B. DAVIS, } *Acting Assistant Professor of the Spanish*  
5th Cavalry, } *Language.*

PETER S. MICHIE, PH. D.,..... } *Professor of NATURAL AND EXPERIMENTAL*  
PHILOSOPHY. }

\*Capt. CHARLES W. RAYMOND, Ph.D., } *Assistant Professor of Natural and Experi-*  
Corps of Engineers, } *mental Philosophy.*

1st Lieut. DAVID A. LYLE, }  
Ordnance Department, }

2d Lieut. WILLIAM E. BIRKHIMER, } *Acting Assistant Professors of Natural and*  
3d Artillery, } *Experimental Philosophy.*

2d Lieut. ANDREW H. RUSSELL, }  
3d Cavalry, }

\* On detached service in connection with the observation of the transit of Venus.  
S. O. No. 23, A. G. O., February 4, 1874.

GEORGE L. ANDREWS, A. M.,.....*Professor of the FRENCH LANGUAGE.*

1st Lieut. THOMAS H. BARBER, } *Assistant Professor of the French Language.*  
1st Artillery, }

1st Lieut. EDWARD E. WOOD, }  
8th Cavalry, }  
1st Lieut. DANIEL M. TAYLOR, } *Acting Assistant Professors of the French*  
Ordnance Department, } *Language.*

2d Lieut. GEORGE F. E. HARRISON, }  
2d Artillery, }

Rev. JOHN FORSYTH, D.D., LL.D., CHAPLAIN *and Professor of ETHICS.*

JUNIUS B. WHEELER, .....*Professor of MILITARY AND CIVIL ENGINEERING.*

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Captain THOMAS H. HANDBURY, } *Acting Assistant Professor of Military and*  
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ASA B. GARDNER, A.M., LL.D.,...*Professor of LAW.*

Major ALFRED MORDECAI, } *Instructor of ORDNANCE AND GUNNERY.*  
Ordnance Department, }

1st Lieut. CHARLES SHALER, } *Assistant Instructor of Ordnance and*  
Ordnance Department, } *Gunnery.*

Captain OSWALD H. ERNST, } *Instructor of PRACTICAL MILITARY ENGINEER-*  
Corps of Engineers, } *ING, MILITARY SIGNALING AND TELEGRAPHY.*

1st Lieut. ALBERT H. PAYSON, } *Assistant Instructor of Practical Military*  
Corps of Engineers, } *Engineering.*

1st Lieut. SEDGWICK PRATT, } *Assistant Instructor of Military Signaling and*  
3d Artillery, } *Telegraphy.*

ANTONÉ LORENTZ,.....*SWORD MASTER.*



# CADETS

ARRANGED IN

Order of Merit in their Respective Classes,

AS DETERMINED AT THE

ANNUAL EXAMINATION,

IN

JUNE, 1875.

## CLASSIFICATION OF CADETS.

The Cadets are arranged in four distinct classes, corresponding with the four years of study. The Cadets employed on the first year's course constitute the **FOURTH CLASS**; those on the second year's course the **THIRD CLASS**; those on the third year's course the **SECOND CLASS**; and those on the fourth year's course the **FIRST CLASS**.

The academic year commences on the 1st of July, on or before which day the result of the examination held in the preceding month is announced, and at no other time will a Cadet be advanced or transferred from one class to another, unless prevented by sickness, or authorized absence, from attending at the aforesaid examination; in which case a special examination will be granted him; but in no case will a Cadet be advanced from one class to another without having passed a satisfactory examination by the Academic Board.

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*NOTE.—Names marked thus \* are to be attached to the next Army Register, in conformity with a regulation for the government of the Military Academy, requiring the names of the most distinguished Cadets, not exceeding five in each Class, to be reported for this purpose at each Annual Examination.*

*Cadets whose names are marked thus † were found deficient, and turned back, to join the next succeeding class.*

*Cadets whose names are marked thus ‡ were found deficient, and discharged.*

*Cadets whose names are marked thus § were found deficient, and resigned.*

## FIRST CLASS, 45 MEMBERS, GRADUATED JUNE 16, 1875.

Order of general merit	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in					Demerit for the year.
		Born in	Appointed from		Years.	Mos.	Engineering.	Law.	Mineral. & Geol'y.	Ordin'ce & Gun'ry.	Discipline.	
*1	Leach, Smith S. . . . .	Ind.	Ind.	July 1, 1871	20	3	2	1	7	2	16	44
*2	Kingman, Dan C. . . . .	N. H.	N. H.	(a) " 1870	18	4	3	2	3	1	22	15
*3	Griffin, Eugene. . . . .	Me.	Me.	" " 1871	17	8	1	3	6	5	15	33
*4	Young, Willard. . . . .	Utah.	Utah.	" " 19	3	5	15	8	6	2	6	
*5	Niles, Lotus. . . . .	Ill.	Ill.	(b) " 1870	17	5	7	4	16	10	25	80
6	Simpson, William A. . . . .	N. Y.	N. Y.	" " 1871	17	4	9	8	1	12	7	40
7	Tingle, Charles A. . . . .	Ohio.	Ohio.	" " "	17	11	8	18	9	4	24	92
8	Bliss, Tasker H. . . . .	Pa.	Pa.	Sept. 1, " "	17	8	6	6	5	3	27	48
9	Clark, Charles H. . . . .	Mass.	Mass.	" " "	20	4	10	12	4	11	8	68
10	Jefferson, John P. . . . .	Del.	Del.	July 1, " "	19	4	4	5	2	9	28	39
11	Bridgman, Victor H. . . . .	Vt.	Vt.	" " "	17	10	15	13	28	17	5	21
12	Baldwin, John M. . . . .	La.	La.	" " "	17	1	23	9	13	7	40	144
13	Wheeler, Elbert. . . . .	Mass.	Mass.	" " "	21	9	16	17	17	19	1	21
14	Weaver, Erasmus M., jr. . . . .	Ind.	Ind.	Sept. 1, " "	17	4	12	24	10	13	14	47
15	Howe, Myron W. . . . .	Mass.	Mass.	(c) July 1, '70	18	8	11	7	23	14	26	22
16	McAuliffe, James R. . . . .	N. Y.	N. Y.	Sept. 1, 1871	17	5	20	10	22	8	13	82
17	Jones, James M. . . . .	Ohio.	Ohio.	July 1, " "	18	8	17	33	14	20	11	73
18	Hoyle, Eli D. . . . .	Ga.	Ala.	" " "	20	5	27	14	12	22	19	58
19	Bush, James C. . . . .	Conn.	Conn.	" " "	20	8	13	23	15	15	17	45
20	Andrus, Edwin P. . . . .	N. Y.	N. Y.	(c) " 1870	18	7	18	21	21	27	23	75
21	Dykman, William N. . . . .	N. Y.	N. Y.	Sept. 1, 1871	17	4	22	19	19	21	35	118
22	Backus, George B., jr. . . . .	Pa.	Col.	" " "	20	9	21	20	11	25	29	66
23	Mason, Stanton A. . . . .	N. Y.	N. Y.	July 1, " "	18	9	14	26	18	16	33	97
24	Wainwright, Robert P. P. . . . .	Pa.	At large	(c) " 1870	18	2	28	28	30	29	30	54
25	Mann, William A. . . . .	Pa.	Pa.	Aug. 1, 1871	17	0	29	30	24	18	3	31
26	Huntington, Henry D. . . . .	Vt.	Iowa.	Sept. 1, " "	21	1	30	40	36	23	9	52
27	Touey, Timothy A. . . . .	N. Y.	N. Y.	" " "	20	3	24	16	25	26	4	38
28	Baird, William. . . . .	Pa.	At large	(d) " 1870	19	0	34	25	34	34	20	116
29	Sturgis, James G. . . . .	N. Mex.	At large	July 1, 1871	17	6	19	22	32	28	41	179
30	Rodgers, Alexander. . . . .	N. J.	At large	" " "	18	6	40	39	29	30	6	49

(a) Suspended from Dec. 6, 1870, till July 1, 1871.—G. C. M. O. No. 56, A. G. O. Dec. 6, 1870—and joined then Fourth Class.

(b) Suspended from Oct. 16, 1873, till Sept. 1, 1874.—G. C. M. O. No. 42, A. G. O., October 9, 1873—and joined then First Class.

(c) Dismissed Dec 10, 1870.—Restored July 1, 1871, and joined then Fourth Class.

(d) Resigned Jan. 10, 1871.—Restored July 1, 1871, and joined then Fourth Class.

## FIRST CLASS, 45 MEMBERS, GRADUATED JUNE 16, 1875.

Order of general merit	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in					Demerit for the year.
		Born in	Appointed from		Years.	Mos.	Engineering.	Law.	Mineral. & Geol'gy.	Ordn'ce & Gun'ry.	Discipline.	
31	Smith, George R. ....	N. Y.	N. Y.	(a) July 1, '70	20	2	36	32	38	35	12	62
32	Gustin, Joseph H. ....	Ohio.	Ohio.	Sept. 1, 1871	17	4	33	11	20	33	36	92
33	Scott, George L. ....	Oregon	Oregon	July 1, "	21	7	25	31	31	24	32	101
34	Eltonhead, Francis E. ....	Pa.	Pa.	" "	17	8	42	37	40	43	10	89
35	Cherry, Samuel A. ....	Ind.	Ind.	(b) " 1870	20	2	26	27	27	36	31	101
36	Davis, Thomas F. ....	N. Y.	At large	" 1871	18	1	39	41	37	31	18	59
37	Goe, James B. ....	Ohio.	Ohio.	" "	18	3	37	35	39	37	38	160
38	Ballance, John G. ....	Ill.	Ill.	" "	18	1	35	36	26	38	39	168
39	Bolton, Edwin B. ....	Miss.	Miss.	" "	21	5	32	38	41	39	34	107
40	Wagner, Arthur L. ....	Ill.	Ill.	(c) " 1870	17	3	38	42	35	40	42	189
41	McCaleb, Thomas S. ....	Va.	Va.	" 1871	17	7	31	43	42	32	43	199
42	Evans, Robert K. ....	Miss.	Miss.	" "	18	7	41	34	33	42	21	60
43	Williams, Charles W. ....	Ky.	Ky.	" "	17	10	43	29	43	41	37	103
d	Cummings, Joseph F. ....	Texas.	Texas.	" "	20	0	...	...	...	...	...	85
e	Fuller, Alfred M. ....	Pa.	Pa.	" "	18	11	...	...	...	...	...	70

(a) Dismissed Dec. 10, 1870.—Restored July 1, 1871, and joined then Fourth Class.

(b) Absent (sick), during Annual Examination, June, 1871, and not examined. Joined then Fourth Class July 1, 1871.

(c) Suspended from Dec. 6, 1870, till July 1, 1871—G. C. M. O. No. 56, A. G. O., Dec. 6, 1870—and joined then Fourth Class.

(d) Not examined. Suspended, G. C. M. O. No. 90, A. G. O., December 5, 1874.

(e) Not examined. Suspended, G. C. M. O. No. 74, A. G. O., October 5, 1874.

## SECOND CLASS—54 MEMBERS.

Order of general merit	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in				Demerit for the year.
		Born in	Appointed from		Years.	Mos.	Philosophy.	Chemistry.	Tactics.	Drawing.	
*1	Crozier, William.....	Ohio.	Kan.	Sept. 1, 1872	17	6	3	10	3	7	99
*2	Williams, John R.....	N. Y.	At large	July 1, "	17	4	2	1	10	25	27
*3	Dowd, Heman.....	N. Y.	N. Y.	" "	18	0	5	8	2	15	28
*4	Ludlow, Henry H.....	Pa.	Tenn.	" "	18	2	1	4	33	10	93
*5	Medcalfe, William M....	Md.	N. Y.	" "	18	8	6	6	28	2	81
6	Bruff, Lawrence L.....	Md.	Md.	Sept. 1, "	20	11	4	2	20	24	31
7	Bacon, Alexander S.....	Mich.	Mich.	July 1, "	18	7	11	5	6	14	21
8	French, John T., jr.....	Mass.	Mass.	Sept. 1, "	18	4	8	9	19	16	28
9	Satterlee, Charles B....	Pa.	Pa.	July 1, "	17	3	7	11	13	29	6
10	Lovering, Leonard A....	Vt.	N. H.	Sept. 1, "	17	9	14	3	4	43	28
11	Gayle, Edward E.....	Va.	N. C.	July 1, "	18	4	12	18	30	4	28
12	Ellis, Eugene A.....	N. Y.	N. Y.	Sept. 1, "	17	1	9	7	17	49	115
13	Hamilton, William R....	Wis.	At large	July 1, "	17	0	15	19	16	30	21
14	Howard, William T. ....	S. C.	S. C.	" "	17	6	24	15	22	1	67
15	Dravo, Edward E.....	Pa.	Pa.	" "	18	8	13	32	29	11	63
16	Rains, Sevier M.....	Mich.	Ga.	" "	20	9	17	13	9	48	36
17	Douglas, Samuel R.....	Scotland.	Montana.	Sept. 1, "	21	0	10	21	23	46	22
18	Adams, Granger.....	N. Y.	N. Y.	July 1, "	19	9	21	22	11	20	29
19	Dodd, George A.....	Pa.	Pa.	" "	19	11	22	23	15	47	55
20	Smith, Fred E.....	Ill.	Ill.	" "	18	11	19	12	37	52	93
21	Borup, Henry D.....	Minn.	Minn.	" "	18	0	25	27	1	50	47
22	Foster, Charles W.....	Mich.	Mich.	" "	18	5	23	17	40	35	42
23	Bailey, Harry L.....	Ohio.	Ohio.	Sept. 1, "	17	10	28	20	52	5	118
24	Farrow, Edward S.....	Md.	Md.	" "	17	5	16	34	49	27	27
25	Buttler, William C.....	N. J.	N. J.	July 1, "	18	8	33	28	8	23	86
26	Long, Oscar F. ....	N. Y.	N. Y.	" "	21	0	29	26	31	18	16
27	Bonesteel, Charles H....	Conn.	Dakota.	" "	20	10	34	29	21	8	38
28	McCormick, Loyd S....	Ohio.	Ohio.	" "	17	7	27	38	18	40	50
29	Andrews, George.....	R. I.	Arizona.	" "	21	10	32	37	7	36	40
30	Parker, James.....	N. J.	N. J.	" "	18	5	18	16	48	39	112
31	Swift, Eben, jr.....	Texas.	At large	" "	19	2	35	42	12	19	53
32	Howland, Carver.....	R. I.	R. I.	" "	21	7	36	24	25	32	51
33	Foster, Herbert S.....	Vt.	Vt.	" "	18	11	26	31	35	45	22
34	Hall, Charles S.....	Ind.	Ind.	" "	20	11	43	14	27	22	75
35	Gresham, John C.....	Va.	Va.	" "	20	10	20	33	50	53	100

## SECOND CLASS—54 MEMBERS.

<i>Order of general merit</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>				<i>Demerit for the year.</i>
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Philosophy.</i>	<i>Chemistry.</i>	<i>Tactics.</i>	<i>Drawing.</i>	
36	Guilfoyle, John F. . . . .	Md.	At large	July 1, 1872	19	9	38	39	5	33	33
37	Scott, Hugh L. . . . .	Ky.	At large	(a) " 1871	17	9	30	36	32	42	82
38	Russell, Albert J. . . . .	Ohio.	Conn.	Sept. 1, 1872	20	6	41	25	38	21	78
39	Garlington, Ernest A. . . . .	S. C.	Ga.	July 1, "	19	4	42	43	24	6	87
40	Garst, Charles E. . . . .	Ohio.	Iowa.	" "	18	10	31	30	42	51	43
41	Sickel, Horatio G., jr. . . . .	Pa.	Pa.	Sept. 1, "	18	8	39	41	41	9	78
42	Pague, Samuel S. . . . .	Ohio.	Ohio.	July 1, "	17	3	44	44	26	13	32
43	Hammond, Charles L. . . . .	N. Y.	N. Y.	" "	19	3	40	35	36	34	73
44	Pitcher, John. . . . .	Texas.	At large	" "	17	9	37	49	46	28	38
45	Rowan, Hamilton. . . . .	Ind.	At large	" "	17	2	46	52	45	3	50
46	Slocum, Herbert J. . . . .	Ohio.	Ohio.	" "	18	3	45	50	14	41	165
47	Palmer, George. . . . .	Wis.	Wis.	" "	20	8	47	51	34	31	33
48	Hutton, James A., jr. . . . .	Cal.	Cal.	Sept. 1, "	19	8	48	45	39	38	76
+	Harris, Samuel. . . . .	Ind.	Ind.	July 1, "	19	7	Def 40	53	37		65
+	Sharpe, Alfred C. . . . .	Ohio.	Iowa.	" "	21	10	Def 48	44	44		107
+	Smith, Myron S. . . . .	N. Y.	N. Y.	" "	20	10	Def 46	47	26		41
+	Ward, Frederick A. . . . .	Wis.	Ill.	" "	19	6	Def 47	51	12		85
+	Winfrey, Napoleon B. . . . .	Mo.	Mo.	" "	19	7	Def 53	43	17		46
6	Brown, Oscar J. . . . .	Ga.	Ga.	" "	18	8	...	...	...		49

(a) Suspended from July 13, 1872, till July 13, 1873,—M. A. O. No. 7, July 12, 1872—  
and joined then Third Class.

(b) Not examined. Suspended, G. C. M. O. No. 90, A. G. O., December 5, 1874.

## THIRD CLASS—84 MEMBERS.

<i>Order of general merit</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Years. Age at date of Admission.</i>		<i>Order of merit in</i>				<i>Demerit for the year.</i>
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Mathematics.</i>				
							<i>French.</i>	<i>Spanish.</i>	<i>Drawing.</i>		
*1	Black, William M. . . . .	Pa.	Pa.	July 1, 1873	17	7	1	4	3	18	41
*2	Fisk, Walter L. . . . .	Ill.	Iowa.	Sept. 1, "	18	7	5	3	2	23	37
*3	Roessler, Solomon W. . . . .	Ill.	Ill.	" "	18	8	6	17	16	11	30
*4	Haden, John J. . . . .	Mo.	Texas.	July 1, "	20	2	3	7	15	32	20
*5	Todd, Albert. . . . .	R. I.	Kansas	" "	18	8	7	2	6	38	14
6	Patterson, Thomas C. . . . .	Pa.	Ohio.	Sept. 1, "	17	7	8	14	11	24	19
7	Gordon, William B. . . . .	Pa.	Pa.	July 1, "	20	2	2	15	20	36	31
8	Springett, Howard A. . . . .	Ohio.	Ohio.	" "	18	5	4	34	22	14	33
9	Galbraith, William W. . . . .	Pa.	Pa.	" "	21	9	10	33	38	6	69
10	Massey, Solon F. . . . .	N. Y.	Ohio.	" "	20	6	16	21	4	25	26
11	Chynoweth, Edward. . . . .	N. Y.	Wis.	Sept. 1, "	19	8	13	16	14	34	100
12	Philbrick, John H. . . . .	Me.	Me.	July 1, "	19	11	12	1	1	66	131
13	Blocksom, Augustus P. . . . .	Ohio.	Ohio.	Sept. 1, "	18	10	18	12	5	33	100
14	Blair, Francis P., jr. . . . .	Mo.	Mo.	July 1, "	17	8	17	11	7	37	93
15	White, John V. . . . .	Miss.	Miss.	Sept. 1, "	19	5	11	24	9	45	37
16	Woodward, Charles G. . . . .	Md.	Md.	July 1, "	20	6	29	10	10	7	65
17	Marsh, Frederick. . . . .	N. Y.	Mo.	Sept. 1, "	20	8	14	19	19	44	128
18	Shofner, James C. . . . .	Tenn.	Tenn.	" "	19	8	9	35	30	46	39
19	Galbraith, Jacob G. . . . .	Minn.	Pa.	" "	17	4	31	9	12	21	95
20	Plummer, Edward H. . . . .	Md.	Md.	July 1, "	17	9	19	29	28	29	25
21	Slaker, Adam. . . . .	Ill.	Ill.	Sept. 1, "	18	5	20	22	8	49	43
22	Bigelow, John, jr. . . . .	N. Y.	N. Y.	July 1, "	19	1	34	6	21	13	98
23	Gatewood, Charles B. . . . .	Va.	Va.	" "	20	3	23	32	27	20	59
24	Patten, Francis J. . . . .	Me.	Me.	" "	20	8	37	13	18	3	88
25	Wilson, Richard H. . . . .	Mich.	Mich.	" "	20	0	38	8	13	12	100
26	Esterly, Calvin. . . . .	Ohio.	Kansas	" "	21	0	24	37	40	8	111
27	Foster, Fred W. . . . .	Pa.	N. Y.	" "	20	7	22	30	48	16	60
28	Price, David, jr. . . . .	Wales.	Iowa.	" "	21	3	21	64	52	15	17
29	Brereton, John J. . . . .	N. J.	N. J.	" "	17	5	44	5	23	26	152
30	Paddock, James S. . . . .	Ill.	Ill.	Sept. 1, "	17	2	30	61	50	5	97
31	Parker, Theophilus. . . . .	N. C.	N. C.	July 1, "	18	7	27	27	25	76	27
32	Hammond, Harry T. . . . .	Cal.	Idaho.	" "	17	2	25	36	36	80	153
33	Read, Robert D., jr. . . . .	Tenn.	Tenn.	Sept. 1, "	19	6	39	40	26	43	121
34	Martin, Medad C. . . . .	Vt.	Vt.	July 1, "	18	8	26	65	49	42	87
35	Wilder, Wilber E. . . . .	Mich.	Mich.	" "	17	10	15	73	67	57	106

## THIRD CLASS—84 MEMBERS.

<i>Order of general merit</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>				
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Mathematics.</i>	<i>French.</i>	<i>Spanish.</i>	<i>Drawing.</i>	<i>Demerit for the year.</i>
36	Murray, Cunliffe H. . . . .	S. C.	N. Y.	July 1, 1873	20	11	28	56	61	52	46
37	Thorington, Monroe P. . . . .	Iowa.	Iowa.	" "	18	6	43	57	65	4	30
38	Crane, Charles J. . . . .	Miss.	Texas.	(a) Sept. 1, '72	20	3	46	20	29	60	99
39	Barry, Thomas H. . . . .	N. Y.	N. Y.	July 1, 1873	17	9	49	26	39	41	71
40	Barnett, John T. . . . .	Ind.	Ind.	" "	21	10	32	49	41	70	75
41	Kirby, Henry . . . . .	N. C.	N. C.	" "	21	8	33	52	43	65	126
42	Emmet, Robert T. . . . .	N. Y.	At large	Sept. 1, "	18	8	41	72	73	1	187
43	Baxter, George W. . . . .	N. C.	Tenn.	July 1, "	18	6	42	48	59	35	105
44	Goldman, Henry J. . . . .	Germany	N. Y.	Sept. 1, "	18	1	45	66	63	9	126
45	Stevens, Robert R. . . . .	Texas.	Miss.	" 2, "	18	2	50	31	31	54	146
46	Eggleston, Millard F. . . . .	Ind.	Ind.	July 1, "	18	4	40	41	42	68	182
47	Clark, Wallis O. . . . .	Mass.	Mass.	" "	18	11	53	47	45	19	76
48	Patch, Alexander M. . . . .	Pa.	Pa.	Sept. 1, "	19	0	59	25	44	28	120
49	Hoppin, Curtis B. . . . .	N. Y.	N. Y.	" "	18	8	36	55	62	62	109
50	Flipper, Henry O. . . . .	Ga.	Ga.	July 1, "	17	4	47	51	37	56	96
51	Wood, William T. . . . .	Ill.	Ill.	" "	19	0	52	46	53	48	155
52	Butler, Ben I. . . . .	Mass.	Mass.	" "	18	1	66	28	32	39	53
53	Wayman, Samuel P. . . . .	Ky.	Ky.	" "	21	5	35	67	77	67	65
54	McDonald, David N. . . . .	Tenn.	Tenn.	" "	17	9	57	23	33	81	104
55	Glass, John N. . . . .	Tenn.	Tenn.	" "	19	8	63	18	24	75	55
56	Safford, Robert E. . . . .	Ohio.	Ohio.	" "	19	1	65	39	34	40	90
57	Mann, James D. . . . .	Ind.	Ind.	" "	19	1	51	50	70	50	66
58	McMartin, John. . . . .	N. Y.	N. Y.	" "	17	3	61	59	51	27	56
59	Brown, William C. . . . .	Minn.	Minn.	" "	18	6	55	69	60	30	75
60	Day, Matthias W. . . . .	Ohio.	Ohio.	" "	19	11	60	74	72	10	85
61	Winston, Donald. . . . .	Va.	Va.	Sept. 1, "	18	7	48	58	74	64	110
62	Glenn, Edwin F. . . . .	N. C.	N. C.	July 1, "	17	7	67	42	35	58	189
63	Creel, Heber M. . . . .	Mo.	Mo.	Sept. 1, "	20	9	64	44	57	53	88
64	Bradley, Charles A. . . . .	N. Y.	Ill.	July 1, "	17	11	70	70	71	2	83
65	Jackson, James B. . . . .	Ky.	At large	Sept. 1, "	21	2	62	54	55	59	96
66	Maney, James A. . . . .	Tenn.	Tenn.	July 1, "	17	7	56	62	56	72	105
67	Baxter, John, jr. . . . .	N. J.	N. J.	" "	19	8	58	53	54	77	120
68	Hunter, George K. . . . .	Ohio.	At large	Sept. 1, "	18	5	73	43	47	47	80
69	Augur, Ammon A. . . . .	Mich.	Mich.	July 1, "	20	7	54	68	81	82	113

(a) Absent (sick) during Annual Examination, June, 1873, and not examined. Joined then Fourth Class, July 1, 1873.

## THIRD CLASS—84 MEMBERS.

<i>Order of general merit</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>				<i>Demerit for the year.</i>
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Mathematics.</i>	<i>French.</i>	<i>Spanish.</i>	<i>Drawing.</i>	
70	Loder, Samuel H. . . . .	N. J.	N. J.	July 1, 1873	17	5	72	45	46	78	146
71	Hegewald, John F. C. . . . .	Ind.	Ind.	" "	18	2	75	75	75	17	113
72	Chase, George N. . . . .	Wis.	Mo.	Sept. 1, "	20	1	74	81	79	22	75
73	Baldwin, William H. . . . .	Pa.	Pa.	" "	19	6	69	63	64	69	56
74	McCrimmon, Ariosto. . . . .	Ga.	Ark.	July 1, "	17	10	68	60	68	79	154
75	Mills, Stephen C. . . . .	N. Y.	Ill.	" "	19	2	71	77	66	63	111
76	McDill, George E. . . . .	Wis.	Wis.	" "	17	2	78	71	69	55	127
77	Frederick, Daniel A. . . . .	Ga.	Ga.	" "	18	1	77	76	76	61	85
78	French, F. Halverson. . . . .	Va.	At large	" "	18	5	76	80	82	71	164
†	Gibson, Thomas R. . . . .	Mo.	Mo.	" "	17	6	Def	79	78	73	168
†	Salazar, Miguel. . . . .	N. Mex	N. Mex	" "	20	2	Def	Def	17	74	118
†	Scovill, Charles P. . . . .	Ohio.	Ohio.	" "	18	8	Def	78	80	31	109
†	Stevenson, Frank L. . . . .	Mass.	Mass.	" "	19	0	Def	38	58	51	86
a	Holabird, William. . . . .	N. Y.	At large	" "	18	10	. . . . .	. . . . .	. . . . .	. . . . .	12
b	Radford, Stephen K. . . . .	N. J.	At large	" "	17	0	. . . . .	. . . . .	. . . . .	. . . . .	73

(a) Not examined. Suspended, G. C. M. O. No. 90, A. G. O., December 5, 1874.

(b) Absent (sick) during Annual Examination, June, 1875, and not examined.

## FOURTH CLASS—69 MEMBERS.

Order of general merit	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in		Demerit for the year.
		Born in	Appointed from		Years.	Mos.	Mathematics.	French.	
*1	McNeill, Edwin, jr....	Ga.	Conn.	July 1, 1874	17	6	1	2	45
*2	Derby, George McC....	At sea.	At large	" "	17	8	2	1	63
*3	Hobbs, Frank E.....	Me	Me.	" "	19	2	3	5	25
*4	Lusk, James L.....	Pa.	Pa.	Sept. 1, "	19	6	6	4	9
*5	Scriven, George P.....	Pa.	Ill.	" "	20	6	4	15	12
6	Wooley, Frederick.....	N. C.	N. C.	July 1, "	21	10	7	7	47
7	Crofoot, Louis W.....	Mich.	Mich.	" "	17	5	8	6	50
8	Buck, William L.....	Ala.	Ala.	Sept. 1, "	18	9	9	3	41
9	Pettit, James S.....	Ohio.	Ohio.	July 1, "	17	11	5	24	22
10	Evans, William P.....	Wis.	Wis.	" "	21	0	11	12	68
11	Howe, Edgar W.....	Mass.	Iowa.	Sept. 1, "	20	7	10	16	34
12	Bailey, Albert S.....	Texas.	Texas.	July 1, "	20	0	14	22	39
13	Willis, Oscar H.....	Mo.	Mo.	" "	20	6	12	33	116
14	Howard, Douglas A.....	Ill.	At large	Oct. 3, "	17	11	18	19	11
15	Totten, John R.....	Fla.	Neb.	July 1, "	17	7	17	27	102
16	Ives, Edward B.....	D. C.	N. Y.	" "	18	9	16	32	84
17	Tillson, John C. F.....	N. Y.	N. Y.	" "	18	1	24	9	71
18	Wheeler, Fred.....	Wis.	Wis.	" "	17	4	19	29	64
19	Robinson, Charles M....	Mo.	Mo.	" "	21	5	13	53	137
20	Greene, Lewis D.....	N. Y.	N. Y.	" "	18	1	25	20	67
21	Greene, Robert W.....	La.	La.	Sept. 1, "	18	2	22	30	52
22	Hock, Ormentiz J. C....	Pa.	Wis.	July 1, "	17	7	20	41	67
23	Hull, Charles.....	Miss.	Miss.	(a) " 1873	19	2	21	40	108
24	Sparrow, Solomon E....	Mass.	Mass.	Sept. 1, 1874	19	4	23	34	28
25	Carrington, Frank de L.	Ga.	Ga.	" "	18	10	27	21	42
26	Cox, John L.....	Iowa.	Iowa.	July 1, "	20	10	15	61	30
27	Willcox, E. Farnsworth..	Mich.	At large	(b) " 1873	17	7	30	17	127
28	Landis, J. F. Reynolds..	Pa.	At large	" " 1874	17	8	31	14	58
29	Carrow, Charles M.....	Pa.	Pa.	Sept. 1, "	21	5	33	11	54
30	Grierson, Charles H....	Ill.	At large	" "	19	1	29	28	20
31	Bell, James F.....	Ky.	Ky.	" "	18	7	26	42	97
32	Getty, Robert N.....	N. Y.	At large	July 1, "	19	5	28	38	67
33	Spilman, Baldwin D....	Va.	At large	" "	20	11	39	10	55
34	Schaeffer, Charles M....	Pa.	Ill.	" "	19	1	36	25	70
35	Pickering, Abner.....	Ind.	Ind.	" "	19	11	35	39	74

(a) Suspended from September 1, 1873, till September 1, 1874,—M. A. O. No. 20, War Dept., Wash., Sept. 13, 1873—and joined then Fourth Class.

(b) Turned back to join then Fourth Class, July 1, 1874.

## FOURTH CLASS—69 MEMBERS.

<i>Order of general merit.</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>		<i>Demerit for the year.</i>
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Mathematics.</i>	<i>French.</i>	
36	Phister, Nat P. . . . .	Ky.	Ky.	Sept. 1, 1874	20	5	34	46	28
37	Burnett, Rogers L. . . . .	Pa.	Pa.	July 1, " "	17	8	40	31	116
38	Kendall, Henry F. . . . .	France	Texas.	" " "	19	0	44	18	152
39	Walker, James B. . . . .	Fla.	Fla.	(a) " 1873	17	1	43	23	123
40	Starr, Charles G. . . . .	Ill.	Ill.	" " 1874	17	4	32	59	66
41	Smith, Abiel L. . . . .	Mo.	Mo.	" " "	17	1	38	44	67
42	Richards, James R., jr. . . . .	Va.	Va.	" " "	19	6	50	8	63
43	Waltz, Millard F. . . . .	Md.	Md.	" " "	17	4	49	13	18
44	Caswell, William M. . . . .	Cal.	Cal.	Sept. 1, " "	17	3	37	57	18
45	Avery, Frank P. . . . .	Mich.	Mich.	July 1, " "	20	11	42	45	105
46	Heistand, Henry S. . . . .	Ohio.	Ohio.	Sept. 1, " "	18	5	41	55	52
47	Merrill, Elijah H. . . . .	N. H.	N. H.	July 1, " "	17	6	47	37	75
48	Crawford, George W. . . . .	Ohio.	Ala.	" " "	20	2	45	49	134
49	Wolf, Silas A. . . . .	Pa.	Pa.	" " "	20	6	46	48	58
50	Williams, William H. . . . .	Ill.	Wash. T	" " "	19	6	48	50	24
51	Barns, John D. . . . .	Va.	Va.	" " "	19	1	51	43	108
52	Sutliff, Samuel M. . . . .	La.	Ohio.	" " "	18	11	52	51	105
53	Elliott, William J. . . . .	Pa.	Pa.	" " "	17	8	53	54	51
54	Michaux, Richard V., jr. . . . .	N. C.	N. C.	" " "	21	10	58	47	99
55	Taylor, Charles W. . . . .	N. Y.	N. Y.	" " "	18	1	54	60	83
56	Da Costa, George. . . . .	Pa.	Pa.	" " "	17	5	56	58	179
57	Tumlin, James C. . . . .	Ga.	Ga.	" " "	18	3	55	64	50
58	Miller, Isaac P. . . . .	Ky.	Ky.	" " "	20	11	59	56	47
59	Oliver, Austin W. . . . .	Tenn.	Texas.	" " "	18	11	57	63	153
†	Burns, J. Haydon. . . . .	Ohio.	At large	" " "	20	5	Def	35	128
†	Hay, Edward C. . . . .	N. J.	N. J.	" " "	17	6	Def	26	63
†	Lillard, Christopher M. . . . .	Ky.	Ky.	" " "	20	7	Def	62	24
†	Lull, George F. . . . .	Mass.	Mass.	" " "	17	3	Def	Def	118
†	Phillips, Frederick B. . . . .	Mo	Mo.	" " "	19	4	Def	52	134
†	Snyder, William T. . . . .	D. C.	D. C.	" " "	17	10	Def	36	72
b	Adamson, William E. . . . .	Ind.	Ind.	" " "	19	4	..	..	82
c	Mills, Albert L. . . . .	N. Y.	N. Y.	" " "	20	1	..	..	40
d	Schroeder, Henry A. . . . .	Wis.	Wis.	" " "	17	2	..	..	58
e	Wood, Stanhope F. . . . .	Ky.	At large	" " "	18	10	..	..	82

(a) Turned back to join then Fourth Class, July 1, 1874.

(b) Absent (sick) during Annual Examination, June, 1875, and not examined.

(c) Not examined. Suspended, G. C. M. O. No. 91, A. G. O., December 18, 1874.

(d) Not examined. Suspended, G. C. M. O. No. 22, A. G. O., March 16, 1875.

(e) Not examined. Suspended, M. A. O. No. 13, War Dept., September 24, 1874.

GENERAL MERIT ROLL OF THE GRADUATING CLASS OF 1875.

Number.	Names.	MERIT IN											General Merit.	
		Mathematics.	French.	Spanish.	Navl and Exptl Philosophy.	Chemistry.	Tactics.	Drawing.	Military and Civil Engineering.	Law.	Ordnance and Gunnery.	Minerology and Geology.		Discipline.
		300.0	100.0	75.0	300.0	150.0	100.0	100.0	300.0	150.0	100.0	75.0		300.0
	<i>Maximum in each branch..</i>	300.0	100.0	75.0	300.0	150.0	100.0	100.0	300.0	150.0	100.0	75.0	300.0	2050.0
1	Leach, Smith S.....	291.4	88.2	74.0	300.0	145.5	98.5	91.1	295.2	150.0	98.4	67.8	261.9	1962.0
2	Kingman, Dan C.....	295.7	92.2	63.6	290.6	150.0	100.0	97.0	290.4	147.6	100.0	72.6	249.3	1949.0
3	Griffin, Eugene.....	300.0	89.5	66.5	295.3	134.4	97.0	85.1	300.0	145.2	93.6	69.0	265.2	1940.8
4	Young, Willard.....	287.2	90.9	64.2	286.0	147.7	91.1	92.5	280.9	116.6	92.0	66.6	300.0	1915.7
5	Niles, Lotus.....	295.3	98.4	73.8	295.0	150.0	100.0	53.4	271.4	142.8	85.7	57.1	243.4	1866.3
6	Simpson, William A.....	278.7	96.1	75.0	239.5	141.1	86.6	80.7	261.9	133.3	82.5	75.0	291.5	1841.9
7	Tingle, Charles A.....	282.9	94.8	72.1	281.3	138.8	83.7	88.1	266.6	109.5	95.2	65.4	246.5	1824.9
8	Bliss, Tasker H.....	236.1	93.5	69.3	267.4	136.6	88.1	71.8	276.1	138.0	96.8	70.2	239.1	1783.0
9	Clark, Charles H.....	231.9	85.6	68.3	262.7	143.3	65.9	77.7	257.1	123.8	84.1	71.4	290.7	1762.5
10	Jefferson, John P.....	223.4	67.3	54.2	272.0	127.7	89.6	95.5	285.7	140.4	87.3	73.8	238.1	1755.0
11	Bridgman, Victor H.....	274.4	79.1	45.7	258.1	112.2	82.2	68.8	233.3	121.4	74.6	42.8	300.0	1692.6
12	Baldwin, John M.....	270.2	84.3	60.8	276.7	132.2	94.0	45.1	195.2	130.9	90.4	60.7	163.1	1603.6
13	Wheeler, Elbert.....	210.6	86.9	67.4	183.7	114.4	71.8	100.0	228.5	111.9	71.4	55.9	301.0	1602.5
14	Weaver, Erasmus M., jr.....	227.6	58.2	46.7	253.4	125.5	57.0	58.5	247.6	95.2	80.9	64.2	270.5	1585.3
15	Howe, Myron W.....	193.6	75.2	51.4	244.1	105.5	95.5	48.1	252.3	135.7	79.3	48.8	240.8	1570.3
16	McAuliffe, James R.....	206.3	69.9	55.1	225.5	110.0	73.3	76.2	209.5	128.5	88.8	50.0	273.4	1566.5
17	Jones, James M.....	240.4	81.7	65.5	216.2	121.1	67.4	61.4	223.8	73.8	69.8	59.5	274.3	1554.9
18	Hoyle, Eli D.....	253.1	97.4	71.2	220.9	123.3	39.2	62.9	176.1	119.0	66.6	61.9	259.2	1550.8
19	Bush, James C.....	243.9	37.3	29.7	248.8	116.6	36.2	89.6	242.8	97.6	77.7	58.3	261.5	1545.0
20	Andrus, Edwin P.....	265.9	66.0	56.1	230.2	92.2	58.5	57.0	219.0	102.3	58.7	51.1	247.4	1504.4
21	Dykman, William N.....	244.6	83.0	59.9	197.6	130.0	61.4	74.8	199.9	107.1	68.2	53.5	214.7	1494.7
22	Backus, George B., jr.....	214.8	45.1	41.9	202.3	118.8	76.2	65.9	204.7	104.7	61.9	63.1	237.6	1437.5
23	Mason, Stanton A.....	180.8	56.9	49.5	234.8	107.7	77.7	51.1	238.0	90.4	76.1	54.7	218.1	1435.8

24	Wainwright, Robert P. P.....	261.7	63.4	47.6	211.6	94.4	70.3	82.2	171.4	85.7	55.5	40.4	232.8	1417.0
25	Mann, William A.....	185.1	73.9	57.0	188.3	96.6	64.4	64.4	166.6	80.9	73.0	47.6	300.0	1397.8
26	Huntington, Henry D.....	202.1	50.3	40.0	193.0	70.0	85.1	83.7	161.9	57.1	65.0	33.3	277.9	1319.4
27	Touey, Timothy A.....	134.0	68.6	53.3	151.1	72.2	55.5	52.5	190.4	114.2	60.3	46.4	300.0	1298.5
28	Baird, William.....	146.8	98.7	58.9	179.0	103.3	79.2	43.7	142.8	92.8	47.6	35.7	257.6	1286.1
29	Sturgis, James G.....	219.1	64.7	39.1	206.9	83.3	54.0	42.2	214.2	99.9	57.1	38.1	147.2	1265.8
30	Rodgers, Alexander.....	117.0	100.0	70.2	127.9	101.1	92.5	36.2	114.2	59.5	53.9	41.6	300.0	1214.1
31	Smith, George R.....	172.3	62.1	36.3	155.8	67.7	80.7	70.3	133.3	76.1	46.0	30.9	274.1	1205.6
32	Gustin, Joseph H.....	176.5	43.8	41.0	165.1	98.8	43.7	40.7	147.6	126.1	49.2	52.3	208.4	1193.4
33	Scott, George L.....	155.3	47.7	27.8	146.5	90.0	68.8	49.6	185.7	78.5	63.4	39.2	221.1	1173.6
34	Eltonhead, Francis E.....	197.8	54.3	48.5	160.4	74.4	49.6	79.2	104.7	64.2	33.3	28.5	275.9	1170.8
35	Cherry, Samuel A.....	100.0	49.0	37.2	137.2	61.1	74.8	73.3	180.9	88.0	44.4	44.0	224.8	1114.7
36	Davis, Thomas F.....	129.7	76.5	58.0	118.6	58.8	62.9	55.5	119.0	54.7	52.3	32.1	261.2	1079.3
37	Goe, James B.....	112.7	52.9	42.9	174.4	81.1	42.2	98.5	128.5	69.0	42.8	29.7	186.0	1060.7
38	Ballance, John G.....	168.0	60.8	52.3	113.9	76.6	48.1	67.4	138.0	66.6	41.2	45.2	179.0	1057.1
39	Bolton, Edwin B.....	125.5	51.6	44.8	132.5	87.7	51.1	46.6	152.3	61.9	39.6	27.3	217.8	1038.7
40	Wagner, Arthur L.....	189.3	77.8	35.3	104.6	65.5	33.3	86.6	123.8	52.3	38.0	34.5	146.5	987.5
41	McCaleb, Thomas S.....	159.5	71.2	50.4	141.8	54.4	37.7	59.9	157.1	50.0	50.7	26.1	120.2	979.0
42	Evans, Robert K.....	108.5	38.6	25.9	123.2	85.5	52.5	37.7	109.5	71.4	34.9	36.9	252.0	976.6
43	Williams, Charles W.....	163.8	35.9	26.8	169.7	52.2	40.7	34.8	100.0	83.3	36.5	25.0	192.6	961.3
	α Cummings, Joseph F.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	α Fuller, Alfred M.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*LIST OF DISTINGUISHED CADETS REPORTED AT THE  
ANNUAL EXAMINATION, 1875.*

<i>Number.</i>	<i>Names.</i>	<i>State.</i>		<i>Science and Art in which each Cadet particularly excels.</i>
		<i>Born in</i>	<i>App'ted from</i>	
	First Class.			
1	Leach, Smith S.....	Ind.	Ind.	Military and Civil Engineering and Science of War, Law, Mineralogy and Geology, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemical Physics and Chemistry, Tactics, Drawing, Mathematics and Spanish.
2	Kingman, Dan C.....	N. H.	N. H.	Military and Civil Engineering and Science of War, Law, Mineralogy and Geology, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemical Physics and Chemistry, Tactics, Drawing, Mathematics, and French.
3	Griffin, Eugene.....	Me.	Me.	Military and Civil Engineering and Science of War, Law, Mineralogy and Geology, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemical Physics and Chemistry, Tactics, Mathematics and French.
4	Young, Willard.....	Utah.	Utah.	Military and Civil Engineering and Science of War, Mineralogy and Geology, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemical Physics and Chemistry, Tactics, Drawing, Mathematics and French.
5	Niles, Lotus.....	Ill.	Ill.	Military and Civil Engineering, Law, Natural and Experimental Philosophy. Chemical Physics and Chemistry, Tactics, Mathematics, French and Spanish.

*LIST OF DISTINGUISHED CADETS REPORTED AT THE  
ANNUAL EXAMINATION, 1875.*

<i>Number.</i>	<i>Names.</i>	<i>State.</i>		<i>Science and Art in which each Cadet particularly excels.</i>
		<i>Born in</i>	<i>App'ted from</i>	
Second Class.				
1	Crozier, William.....	Ohio.	Kansas.	Natural and Experimental Philosophy, Tactics and Drawing.
2	Williams, John R.....	N. Y.	At Large.	Natural and Experimental Philosophy, Chemical Physics and Chemistry.
3	Dowd, Heman.....	N. Y.	N. Y.	Natural and Experimental Philosophy, Chemical Physics and Chemistry and Tactics.
4	Ludlow, Henry H.....	Pa.	Tenn.	Natural and Experimental Philosophy and Chemical Physics and Chemistry.
5	Medcalfe, William M.....	Md.	N. Y.	Natural and Experimental Philosophy, Chemical Physics and Chemistry and Drawing.
Third Class.				
1	Black, William M.....	Pa.	Pa.	Mathematics, French and Spanish.
2	Fisk, Walter L.....	Ill.	Iowa.	Mathematics, French and Spanish.
3	Roessler, Solomon W....	Ill.	Ill.	Mathematics.
4	Haden, John J.....	Mo.	Texas.	Mathematics and French.
5	Todd, Albert.....	R. I.	Kansas.	Mathematics, French and Spanish.
Fourth Class.				
1	McNeill, Edwin, jr.....	Ga.	Conn.	Mathematics and French.
2	Derby, George McC.....	At Sea.	At Large.	Mathematics and French.
3	Hobbs, Frank E.....	Me.	Me.	Mathematics and French.
4	Lusk, James L.....	Pa.	Pa.	Mathematics and French.
5	Scriven, George P.....	Pa.	Ill.	Mathematics.

## CADETS ADMITTED IN 1874.

Number.	Names.	State.		Date of Admission.	Age at date of Admission.	
		Born in	Appointed from		Years.	Mos.
1	Adamson, William Edward....	Ind.	Ind.	.. July 1...	19	4
2	Alexander, William Montrose..	Tenn.	Tenn.	.. July 1...	17	3
3	Ames, Robert Percy.....	R. I.	At Large	.. Sept. 1...	18	8
4	Arnold, Frank Smith.....	Conn.	R. I.	.. July 1...	19	11
5	Avery, Frank Porter.....	Mich.	Mich.	.. July 1...	20	11
6	Bailey, Albert Sidney.....	Texas.	Texas.	.. July 1...	20	0
7	Barns, John David.....	Va.	Va.	.. July 1...	19	1
8	Beckwith, Ward Manktelow....	N. Y.	N. Y.	.. July 1...	17	3
9	Bell, James Franklin.....	Ky.	Ky.	.. Sept. 1...	18	7
10	Berard, John Howard.....	N. Y.	At Large	.. Sept. 8...	18	8
11	Blocker, John Watson.....	Ala.	Ala.	.. Sept. 1...	17	7
12	Brown, Robert Ludington....	Va.	W. Va.	.. Sept. 1..	20	0
13	Buck, William Langdon.....	Ala.	Ala.	.. Sept. 1...	18	9
14	Burnett, Rogers Levering....	Penn.	Penn.	.. July 1...	17	8
15	Burns, Joel Haydon.....	Ohio.	At Large	.. July 1...	20	5
16	Butler, George Oliver.....	Tenn.	Tenn.	.. July 1...	21	8
17	Caine, Earle Monteith.....	S. C.	S. C.	.. Sept. 1..	18	11
18	Carrington, Frank de Launay..	Ga.	Ga.	.. Sept. 1...	18	10
19	Carrow, Charles Marim.....	Penn.	Penn.	.. Sept. 1...	21	5
20	Caswell, William Mitchell....	Cal.	Cal.	.. Sept. 1...	17	3
21	Cockrell, John Joseph.....	Mo.	Mo.	.. July 1...	19	1
22	Cox, John Leatherman.....	Iowa.	Iowa.	.. July 1...	20	10
23	Crawford, George Wesley....	Ohio.	Ohio.	.. July 1...	20	2
24	Crofoot, Louis Wheaton....	Mich.	Mich.	.. July 1...	17	5
25	Da Costa, George.....	Penn.	Penn.	.. July 1...	17	5
26	Davis, Albert Hopkins.....	Ind.	Ind.	.. Sept. 1...	20	5
27	Derby, George McClellan....	At Sea.	At Large	.. July 1...	17	8
28	Douglass, Francis Xavier....	Ga.	Ga.	.. Sept. 1...	17	7
29	Elliott, William John.....	Penn.	Penn.	.. July 1...	17	8
30	Evans, William Pierce.....	Wis.	Wis.	.. July 1...	21	0
31	Getty, Robert Nelson.....	N. Y.	At Large	.. July 1...	19	5
32	Goodloe, Paul Theodore.....	Ala.	Ala.	.. Sept. 1...	18	4
33	Greene, Lewis Douglass.....	N. Y.	N. Y.	.. July 1...	18	1
34	Greene, Robert Wood.....	La.	La.	.. Sept. 1...	18	2
35	Grierson, Charles Henry.....	Ill.	At Large	.. Sept. 1...	19	1

## CADETS ADMITTED IN 1874.

Number.	Names.	State.		Date of Admission.	Age at date of Admission.	
		Born in	Appointed from		Years.	Mos.
36	Hay, Edward Coffin.....	N. J.	N. J.	.. July 1...	17	6
37	Heistand, Henry Sheldon.....	Ohio.	Ohio.	.. Sept. 1...	18	5
38	Hobbs, Frank Emery.....	Me.	Me.	.. July 1...	19	2
39	Hock, Ormentiz Jno. Cadwalleder	Penn.	Wis.	.. July 1...	17	7
40	Hoeber, Adolph. . . . .	Mo.	Mo.	.. July 1...	19	1
41	Howard, Douglas Alexander...	Ill.	At Large	.. Oct. 3...	17	11
42	Howe, Edgar Wellington.....	Mass.	Iowa.	.. Sept. 1...	20	7
43	Howell, Daniel Lane.....	Iowa.	Iowa.	.. July 1...	20	10
44	Ives, Edward Bernard.....	D. C.	N. Y.	.. July 1...	18	9
45	Jones, Simmons Baker.....	N. C.	N. C.	.. July 1...	21	3
46	Kendall, Henry Fletcher.....	France.	Texas.	.. July 1...	19	0
47	Landis, John Fulton Reynolds..	Penn.	At Large	.. July 1...	17	8
48	Lillard, Christopher Marion....	Ky.	Ky.	.. July 1...	20	7
49	Lovell, William Henry.....	Mass.	Mass.	.. July 1...	20	8
50	Lull, George Frederic.....	Mass.	Mass.	.. July 1...	17	3
51	Lusk, James Loring.....	Penn.	Penn.	.. Sept. 1...	19	6
52	Martin, Joseph Henry.....	Va.	Va.	.. July 1...	18	3
53	McMaken, William Vance.....	N. Y.	Ohio.	.. July 1...	17	7
54	McNeill, Edwin, jr.....	Ga.	Conn.	.. July 1...	17	6
55	Merrill, Elijah Heading.....	N. H.	N. H.	.. July 1...	17	6
56	Michaux, Richard Venable, jr..	N. C.	N. C.	.. July 1...	21	10
57	Miller, Isaac Price.....	Ky.	Ky.	.. July 1...	20	11
58	Mills, Albert Leopold.....	N. Y.	N. Y.	.. July 1...	20	1
59	Oliver, Austin Wilson.....	Tenn.	Texas.	.. July 1...	18	11
60	Pettit, James Sumner.....	Ohio.	Ohio.	.. July 1...	17	11
61	Phillips, Frederick Bryan.....	Mo.	Mo.	.. July 1...	19	4
62	Phister, Nat Poyntz.....	Ky.	Ky.	.. Sept. 1...	20	5
63	Pickering, Abner.....	Ind.	Ind.	.. July 1...	19	11
64	Richards, James Russell, jr....	Va.	Va.	.. July 1...	19	6
65	Robinson, Charles Mason.....	Mo.	Mo.	.. July 1...	21	5
66	Rogers, Horace Byron.....	Penn.	Wyo'g.	.. Sept. 1...	21	9
67	Schaeffer, Charles Melanckthon	Penn.	Ill.	.. July 1...	19	1
68	Schroeder, Henry Albert.....	Wis.	Wis.	.. July 1...	17	2
69	Scriven, George Percival.....	Penn.	Ill.	.. Sept. 1...	20	6
70	Slayton, Frederick Hall.....	N. Y.	N. Y.	.. July 1...	18	1

## CADETS ADMITTED IN 1874.

Number.	Names.	State.		Date of Admission.	Age at date of Admission.	
		Born in	Appointed from		Years.	Mos.
71	Smith, Abiel Leonard.....	Mo.	Mo.	..July 1...	17	1
72	Snyder, William Taylor.....	D. C.	D. C.	..July 1...	17	10
73	Sparrow, Solomon Eaton.....	Mass.	Mass.	..Sept. 1...	19	4
74	Spilman, Baldwin Day.....	Va.	At Large	..July 1...	20	11
75	Starr, Charles Grenville.....	Ill.	Ill.	..July 1...	17	4
76	Sutliff, Samuel Milton.....	La.	Ohio.	..July 1...	18	11
77	Taylor, Charles William.....	N. Y.	N. Y.	..July 1...	18	1
78	Thornton, Robert Grammer....	Va.	Va.	..Sept. 1...	18	0
79	Tillson, John Charles Fremont.	N. Y.	N. Y.	..July 1...	18	1
80	Totten, John Reynolds.....	Florida.	Neb.	..July 1...	17	7
81	Tumlin, James Cunningham....	Ga.	Ga.	..July 1...	18	3
82	Walden, John.....	Ky.	Ky.	..July 1...	20	2
83	Waltz, Millard Fillmore.....	Md.	Md.	..July 1...	17	4
84	Wheeler, Fred.....	Wis.	Wis.	..July 1...	17	4
85	Williams, William Huntley....	Ill.	Wash. T.	..July 1...	19	6
86	Willis, Oscar Henry.....	Mo.	Mo.	..July 1...	20	6
87	Wolf, Silas Augustus.....	Penn.	Penn.	..July 1...	20	6
88	Wood, Stanhope Fonrose.....	Ky.	At Large	..July 1...	18	10
89	Wooley, Frederick.....	N. C.	N. C.	..July 1...	21	10

## CASUALTIES.

## Resigned (12).

Sharpe, Alfred C.....	2d Class.	June 29, 1875.
Frémont, Francis P.....	3d Class.	September 8, 1874.
Goldstone, Lawrence P.....	3d Class.	January 29, 1875.
Hardie, Francis H.....	3d Class.	May 26, 1875.
Ames, Robert P.....	4th Class.	December 23, 1874.
Arnold, Frank S.....	4th Class.	November 19, 1874.
Caine, Earle M.....	4th Class.	May 28, 1875.
Cockrell, John J.....	4th Class.	July 6, 1874.
Hoeber, Adolph.....	4th Class.	April 14, 1875.
Howell, Daniel L.....	4th Class.	January 12, 1875.
Lovell, William H.....	4th Class.	September 16, 1874.
Snyder, William T.....	4th Class.	June 29, 1875.

## Discharged (31).

Carpenter, Newton H.....	2d Class.	February 2, 1875.
Harris, Samuel.....	2d Class.	June 29, 1875.
Preston, Edward L.....	2d Class.	February 2, 1875.
Smith, Myron S.....	2d Class.	June 29, 1875.
Ward, Frederick A.....	2d Class.	June 29, 1875.
Winfrey, Napoleon B.....	2d Class.	June 29, 1875.
Craig, Walter B.....	3d Class.	February 2, 1875.
Gibson, Thomas R.....	3d Class.	June 29, 1875.
Patterson, Fitzherbert E.....	3d Class.	February 2, 1875.
Salazar, Miguel.....	3d Class.	June 29, 1875.
Scovill, Charles P.....	3d Class.	June 29, 1875.
Sullivan, John D.....	3d Class.	February 2, 1875.
Alexander, William M.....	4th Class.	January 16, 1875.
Beckwith, Ward M.....	4th Class.	January 16, 1875.
Berard, John H.....	4th Class.	January 16, 1875.
Blocker, John W.....	4th Class.	January 16, 1875.
Brown, Robert L.....	4th Class.	January 16, 1875.
Burns, J. Haydon.....	4th Class.	June 29, 1875.
Butler, George O.....	4th Class.	January 16, 1875.
Davis, Albert H.....	4th Class.	January 16, 1875.
Douglass, Francis X.....	4th Class.	January 16, 1875.
Goodloe, Paul T.....	4th Class.	January 16, 1875.
Hay, Edward C.....	4th Class.	June 29, 1875.
Jones, Simmons B.....	4th Class.	January 16, 1875.
Lillard, Christopher M.....	4th Class.	June 29, 1875.
Lull, George F.....	4th Class.	June 29, 1875.
McMaken, William V.....	4th Class.	January 16, 1875.
Phillips, Frederick B.....	4th Class.	June 29, 1875.
Rogers, Horace B.....	4th Class.	January 16, 1875.
Thornton, Robert G.....	4th Class.	January 16, 1875.
Walden, John.....	4th Class.	January 16, 1875.

## Dismissed (3).

Shiland, Andrew, jr.....	2d Class.	March 23, 1875.
Martin, Joseph H.....	4th Class.	September 20, 1874.
Slayton, Frederick H.....	4th Class.	August 28, 1874.

## BATTALION ORGANIZATION.

For instruction in Infantry Tactics and in military police and discipline, the Cadets are organized into a battalion of four companies, under the Commandant of Cadets, each company being commanded by an officer of the Army. The officers and non-commissioned officers are selected from those Cadets who have been most studious, soldier-like in the performance of their duties, and most exemplary in their general deportment. In general, the officers are taken from the first class ; the sergeants from the second ; and the corporals from the third.

### CAPTAINS.

S. S. LEACH,                      E. WHEELER,                      E. D. HOYLE,                      E. GRIFFIN.

### LIEUTENANTS.

J. P. JEFFERSON, *Adjutant.*                      G. R. SMITH, *Quartermaster.*

V. H. BRIDGMAN,	W. A. MANN,	E. P. ANDRUS,
H. D. HUNTINGTON,	G. B. BACKUS,	F. E. ELTONHEAD,
W. YOUNG,	R. K. EVANS,	M. W. HOWE,
R. P. P. WAINWRIGHT,	J. M. JONES,	T. H. BLISS.

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J. F. GUILFOYLE, *Sergeant Major.*                      E. E. GAYLE, *Quartermaster Sergeant.*

### 1st SERGEANTS.

H. D. BORUP,                      C. H. BONESTEEL,                      E. E. DRAGO,                      S. S. PAGUE.

### SERGEANTS.

G. ANDREWS,	C. E. GARST,	M. S. SMITH,
S. M. RAINS,	E. S. FARROW,	H. DOWD,
A. S. BACON,	J. PITCHER,	L. S. McCORMICK.
G. ADAMS,	J. R. WILLIAMS,	L. L. BRUFF.

### CORPORALS.

F. L. STEVENSON,	F. P. BLAIR,	W. E. WILDER,	G. K. HUNTER,
S. F. MASSEY,	D. PRICE,	J. N. GLASS,	E. CHYNOWETH,
M. P. THORINGTON,	J. BIGELOW,	M. W. DAY,	W. B. GORDON,
J. A. MANEY,	C. B. GATEWOOD,	W. M. BLACK,	J. C. SHOFNER,
H. M. CREEL,	H. A. SPRINGETT,	T. PARKER,	A. TODD.

## Course of Study and Books used at the Military Academy.

[Books marked thus \* are for Reference.]

### FIRST YEAR.—FOURTH CLASS.

DEPARTMENT.	TEXT BOOKS AND BOOKS OF REFERENCE.
Mathematics.	Davies' Elements of Algebra. Davies' Legendre's Geometry and Trigonometry. Church's Descriptive Geometry.
French Language.	Böcher's Otto's French Grammar. Reynal's Verb Book. Böcher's College Series of French Plays. Böcher's French Reader. Agnel's Tabular System. *Spiers' and Surene's Dictionary.
Tactics of Artillery and Infantry.	Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery.
Use of Small Arms.	Instruction in Fencing and Bayonet Exercise.

### SECOND YEAR.—THIRD CLASS.

DEPARTMENT.	TEXT BOOKS AND BOOKS OF REFERENCE.
Mathematics.	Church's Descriptive Geometry, with its application to Spherical Projections. Church's Shades, Shadows and Perspective. Davies' Surveying. Church's Analytical Geometry. Church's Calculus.
French Language.	Borel's Grammaire Française. Reynal's Verb Book. Agnel's Tabular System. Rowan's Morceaux Choisis des Auteurs Modernes. *Spiers' and Surene's Dictionary.
Spanish.	Vingot's Guide to Spanish and English. Morale's Progressive Reader. Ollendorff's Oral Method applied to the Spanish, by Velasquez and Simonne. *Seoane's Neuman and Barretti's Dictionary.
Drawing.	Topography, &c.
Tactics of Artillery, Infantry & Cavalry.	Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery and Cavalry.

## THIRD YEAR.—SECOND CLASS.

DEPARTMENT.	TEXT BOOKS AND BOOKS OF REFERENCE.
Natural and Experimental Philosophy.	Bartlett's Mechanics. Bartlett's Acoustics and Optics. Bartlett's Astronomy.
Chemistry.	Fowne's Chemistry. Chemical Physics, from Miller.
Drawing.	Landscape. Pencil and Colors.
Tactics of Artillery, Infantry and Cavalry.	United States Army Artillery Tactics. United States Army Cavalry Tactics. Upton's United States Army Infantry Tactics. Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery and Cavalry.
Practical Military Engineering.	Myer's Manual of Signals. Practical and Theoretical Instruction in Military Signaling and Telegraphy.

## FOURTH YEAR.—FIRST CLASS.

DEPARTMENT.	TEXT BOOKS AND BOOKS OF REFERENCE.
Military and Civil Engineering and Science of War.	Mahan's Field Fortifications. Wheeler's Mahan's Elementary Course of Permanent Fortifications. Mahan's Civil Engineering. Mahan's Fortification and Stereotomy. Dufour's Strategy and Tactics. *Mahan's Industrial Drawing. *Moseley's Mechanics of Engineering.
Mineralogy and Geology.	Dana's Mineralogy. Dana's Text Book of Geology.
Law.	Halleck's International Law. French's Practical Ethics. Kent's Commentaries (portion on Constitutional Law). Law and Military Law, by Prof. French. Benét's Military Law and the Practice of Courts-Martial. *Webster's Dictionary.
Practical Military Engineering.	Practical Instruction in Military Reconnaissances, and in fabricating Fascines, Sap-Faggots, Gabions, Hurdles, Sap-Rollers, &c.; manner of laying out and constructing Gun and Mortar Batteries, Field Fortifications, and Works of Siege; formation of Stockades, Abattis, and other military obstacles; throwing and dismantling Ponton Bridges. *Ernst's Manual of Practical Military Engineering. Myer's Manual of Signals. Practical Instruction in Military Signaling and Telegraphy.
Tactics of Artillery, Infantry and Cavalry.	Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery and Cavalry.
Ordnance and Gunnery.	Benton's Ordnance and Gunnery. Practical Pyrotechny.

## APPOINTMENT AND ADMISSION OF CADETS.

Each Congressional District and Territory—also the District of Columbia—is entitled to have one Cadet at the Academy. Ten are also annually appointed *at large*. The appointments (excepting those *at large*) are made by the Secretary of War at the request of the Representative, or Delegate, in Congress from the District, or Territory; and the person appointed must be an actual resident of the District, or Territory, from which the appointment is made. The appointments *at large* are specially conferred by the President of the United States.

Applications can at any time be made by letter to the Secretary of War, to have the name of the applicant placed upon the register, that it may be furnished to the proper Representative, or Delegate, when a vacancy occurs. The application must exhibit the full name, exact age, and permanent abode of the applicant, with the number of the Congressional District in which his residence is situated. No person who has served in any capacity in the military or naval service of the so-called Confederate States, can be appointed.

When practicable, appointments are made one year in advance of the date of admission.

The age for the admission of Cadets to the Academy is between seventeen and twenty-two years; but any person who served honorably and faithfully not less than one year as an officer or enlisted man in either the regular or volunteer service, in the late war for the suppression of the rebellion, is eligible for appointment up to the age of twenty-four years. Candidates must be at least five feet in height, and free from any infectious or immoral disorder, and generally, from any deformity, disease, or infirmity, which may render them unfit for military service. They must be well versed in reading, in writing, including orthography, and in arithmetic, have a knowledge of the elements of English grammar, of descriptive geography, particularly of our own country, and of the history of the United States.

In *Reading*, candidates must be able to read understandingly, and with proper accent and emphasis:

In *Writing and Orthography*, they must be able to write from dictation sentences from standard pieces of English literature, both prose and poetry, sufficient in number to test their qualifications both in hand-writing and orthography:

In *Arithmetic*, they must be able

1st, To explain, accurately and clearly, its objects and the manner of writing and reading numbers—entire—fractional—compound, or denominate:

2nd, To perform with facility and accuracy, the various operations of addition—subtraction—multiplication and division of whole numbers, abstract and compound, or denominate, giving the rule for each operation *with its reasons*, and also for the different methods of proving the accuracy of the work:

3d, To explain the meaning of reduction—its different kinds—its application to denominate numbers in reducing them from a higher to a lower denomination and the reverse, and to equivalent decimals; to give the rule for each case *with its reasons*, and to apply readily these rules to practical examples of each kind:

4th, To explain the nature of prime numbers, and factors of a number—of a common divisor of two or more numbers, particularly of their *greatest common divisor*—with its use, and to give the rule *with its reasons*, for obtaining it; also the meaning of a common multiple of several numbers, particularly of their *least*

*Common multiple* and its use, and to give the rule, *with its reasons*, for obtaining it, and to apply each of these rules to examples :

5th, To explain the nature of fractions, common or vulgar, and decimal—to define the various kinds of fractions with the distinguishing properties of each—to give all the rules for their reduction ; particularly from mixed to improper and the reverse—from compound or complex to simple—to their lowest terms—to a common denominator—from common to decimal and the reverse ; for their addition—subtraction—multiplication and division *with the reason* for each change or rule, and to apply each rule to examples :

6th, To define the terms ratio and proportion—to give the properties of proportion and the rules, and *their reasons*, for stating and solving questions in both simple and compound proportion, or single and double rule of three, and to apply these rules to examples :

7th, It is to be understood that the examination in these branches may be either written or oral, or partly written and partly oral—that the definitions and rules must be given fully and accurately and that the work of all examples, whether upon the black-board, slate, or paper, must be written plainly and in full, and in such a manner as to show clearly the mode of solution.

In *English Grammar* candidates must exhibit a familiarity with all the parts of speech and the rules in relation thereto ; must be able to parse any ordinary sentence given to them, and, generally, must understand those portions of the subject usually taught, and comprehended under the heads of Orthography, Etymology, Syntax, and Prosody.

The examination will be either written or oral, or partly written and partly oral. The questions will usually be arranged in three divisions. The first division will contain questions somewhat like these :

“ *Name all the different kinds of Verbs, and give examples of each.* ” “ *What is a Pronoun ?* ” “ *Write a short sentence using a personal, a relative, and an interrogative Pronoun, and specify each.* ”

The second division will contain one or more sentences to be parsed, e. g. :

“ *Many would gladly exchange their honors for that more quiet and humble station with which thou art now dissatisfied.* ” Such a sentence must be parsed *fully*, giving the part of speech and kind, case, voice, mood, tense, number, person, degree of comparison, &c., as the case may be, of each word, and its relation to the other words ; thus :

“ *Many.* ” adjective [or indefinite adjective pronoun], positive degree, third person, plural number, nominative case, agrees with *persons*, understood [or subject of *would exchange*].

“ *Exchange.* ” verb regular, transitive, active, potential mood, present tense, third person, plural number, agrees with *persons*, understood [or *many*], for its subject.

The third division will contain a large number of incorrect sentences, to be corrected ; thus :

“ *To these precepts are subjoined a copious selection of rules.* ” “ *Which of the two is the eldest ?* ”

Among these, correct sentences will sometimes be introduced to more thoroughly test the knowledge of the candidate.

Since the school grammars used in different parts of the country vary among

themselves in their treatment of certain words, an answer endorsed by any grammar of good repute will be accepted.

Thus, in parsing the word "*many*" above, it may be called an indefinite adjective pronoun, or an adjective agreeing with *persons* understood.

Candidates will be required to pass a satisfactory examination, written or oral, or both, in *Descriptive Geography*, particularly of our own country. To give the candidate a clear idea of what is required, the following synopsis is added as a type of the character and extent of the examination :

1st, Definitions of all the natural divisions of the earth's surface, such as zones, those relating to latitude and longitude, &c., are to be clearly and concisely given.

2d, The Eastern and Western Hemispheres.

Their grand divisions, what large bodies of water partly or wholly surround them? Their oceans and their locations;

The mountains, their locations, directions and extent; The capes, from what parts do they project and into what waters?

The peninsulas, their locations, and by what waters are they embraced?

The parts connected by an isthmus, its name and location;

The islands, their locations and surrounding waters;

The seas, gulfs and bays, the coasts they indent and to what other waters are they subordinate?

The straits, the lands they separate and the waters they connect;

The rivers, their sources, directions of flow and the waters into which they empty;

The lakes, their location and extent.

3d, The subdivisions of the grand divisions.

Their names, locations, boundaries and capitals; general questions of the same character as indicated in the second section, made applicable to each of the countries of each of the grand divisions.

4th, The United States.

The knowledge under this head cannot be too full or specific. The candidate should be thoroughly informed as to its general features, location, configuration and boundaries (both with respect to neighboring countries, and latitude and longitude), its adjacent oceans, seas, bays, gulfs, sounds, straits, and islands, its mountain ranges, their location and extent, the sources, directions, and terminations of the important rivers, and their principal tributaries, the lakes, and, in short, every geographical feature of the country as indicated above. The location and termination of important rail-road lines and other means of communication from one part of the country to another, should not be omitted.

The states and territories are to be accurately located with respect to each other by their boundaries, and as to their order on the Atlantic coast, on the Gulf of Mexico, on the Pacific coast, on the Northern frontier, on the Mexican frontier, and on the Mississippi, Missouri, and Ohio rivers.

The boundary and other rivers of each state, as well as all other prominent geographical features should be known.

The names and locations of their capitals, and other important cities and towns are likewise to be known.

In short, the knowledge should be so complete that a clear mental picture of the whole or any part of the United States should be impressed on the mind of the candidate.

The candidate should make himself familiar with so much of the *History of the United States* as is contained in the ordinary school histories. The examination may be written or oral, or partly written and partly oral, and will usually consist of a series of questions similar to the following:

I.—Name the earliest European settlements within the present limits of the United States—when, where, and by whom made? When did the settlements made by other nations than the English, come under the dominion of Great Britain and of the United States?

II.—What was the difference between the Royal, the Chartered, and the Proprietary colonies? How many colonies were there originally in Massachusetts and Connecticut? When were they united? How many in Pennsylvania? When were they separated?

III.—In what wars were the colonies engaged before the Revolution? What were the principal events and results of those of King William, Queen Anne, King George, and the French and Indian?

IV.—What were the remote and the immediate causes of the American Revolution? Explain the Navigation Act, the Stamp Act, Writs of Assistance. When did the War of the Revolution properly begin? When, where, and how did it end? Give the particulars of Arnold's treason. Who were the most prominent generals in this war? Name the most important battles, and their results.

V.—The Constitution of the United States—why and when was it formed—when was it adopted?

VI.—Give the names of the Presidents of the United States in their order. Give the leading events of the administration of each one; for example, that of

WASHINGTON, *e. g.*—Indian war; troubles with France; Jay's treaty; the whiskey rebellion, &c.

JEFFERSON.—War with Tripoli; purchase of Louisiana; the embargo, &c., &c.

MADISON.—War of 1812; its causes; the principle battles on land and sea; peculiarity of its last battle; when ended, &c., &c.

MONROE.—Indian War; cession of Florida; Missouri compromise, &c., &c.

JACKSON.—Black Hawk and Seminole wars; the United States Bank; nullification, &c., &c.

POLK.—The Mexican War; its causes; principal battles; results of it, &c., &c.

PIERCE.—Repeal of Missouri compromise; troubles in Kansas, &c., &c.

BUCHANAN.—Civil War; how begun, &c., &c.

LINCOLN.—Principal battles of that war; its results, social and political.

Every candidate is, soon after his arrival at West Point, subjected to a rigid physical examination by an experienced Medical Board, and if there is found to exist in him any of the following causes of disqualification, to such a degree as would immediately, or at no very distant period, impair his efficiency, he is rejected:

1. Feeble constitution and muscular tenuity; unsound health from whatever cause; indications of former disease; glandular swellings, or other symptoms of scrofula.

2. Chronic cutaneous affections, especially of the scalp.

3. Severe injuries of the bones of the head; convulsions.

4. Impaired vision, from whatever cause; inflammatory affections of the eye-lids; immobility or irregularity of the iris; fistula lachrymalis, &c., &c.

5. Deafness; copious discharge from the ears.

6. Loss of many teeth, or the teeth generally unsound.

7. Impediment of speech.

8. Want of due capacity of the chest, and any other indication of a liability to a pulmonic disease.

9. Impaired or inadequate efficiency of one or both of the superior extremities, on account of fractures, especially of the clavicle, contraction of a joint, extenuation, deformity, &c., &c.

10. An unusual excurvature or incurvature of the spine.

11. Hernia.

12. A varicose state of the veins of the scrotum or spermatic cord (when large), sarcocele, hydrocele, hemorrhoids, fistulas.

13. Impaired or inadequate efficiency of one or both of the inferior extremities on account of varicose veins, fractures, malformation (flat feet, &c.), lameness, contraction, unequal length, bunions, overlying or supernumerary toes, &c., &c.

14. Ulcers, or unsound cicatrices of ulcers likely to break out afresh.

The newly appointed Cadets are then examined by the Academic Board, and those not properly qualified are rejected. Those admitted are required to sign articles binding themselves to serve the United States eight years from the time of their admission into the Academy, unless sooner discharged.

During the months of July and August, the Cadets live in camp, engaged only in military duties and exercises, and receiving practical military instruction.

The academic duties and exercises commence on the 1st of September, and continue until about the last of June. Examinations of the several classes are held in January and June, and at the former, such of the new Cadets as are found proficient in studies, and have been correct in conduct, are given the particular standing in their class to which their merits entitle them. After either examination, cadets found deficient in conduct or studies are discharged from the Academy, unless, for special reasons in each case, the Academic Board should otherwise recommend. Similar examinations are held every January and June during the four years comprising the course of studies.

These examinations are very thorough, and require from the Cadet a close and persevering attention to study, without evasion or slighting of any part of the course, as no relaxations of any kind can be made by the examiners.

The pay of a Cadet is \$500 per year, with one ration per day, to commence with his admission into the Academy, and is sufficient, with proper economy, for his support. No Cadet is permitted to receive money, or any other supplies from his parents, or from any person whomsoever, without the sanction of the Superintendent.

When a Cadet shall receive a regular degree from the Academic Board, after going through the classes, he is considered as among the candidates for a commission in the Engineers, Ordnance, Artillery, Infantry, or Cavalry, according to the duties he may be judged competent to perform.

A sound body and constitution, suitable preparation, good natural capacity, an aptitude for study, industrious habits, perseverance, an obedient and orderly disposition and a correct moral deportment, are such essential qualifications that candidates, knowingly deficient in any of these respects, should not, as many do, subject themselves and their friends to the chances of future mortification and disappointment, by accepting appointments at the Academy, and entering upon a career which they cannot successfully pursue.

