

SUBJECT F.—*Knowledge of Arithmetic and Method of keeping Battery Accounts.*

1. The wages of 21 men for one month at a battery were £240; there were 8 men employed in crushing operations, 3 men assaying, 6 men in connection with the cyanide plant, and 4 cadets; the 8 men in connection with the crushing battery got twice as much as the men that were assaying, the wages of the 6 men in connection with the cyanide plant were £2 15s. less than the wages of the 8 men at the battery, and the wages of the 4 cadets amounted to seven-eighths of the wages of the assayers: how much did each man receive?

2. If pure gold was worth £4 4s. per ounce, what would be the value of 644 oz. of gold of 0.6432 fine?

3. If 12 men and 5 boys required 77 hours to do a certain piece of work, how long would it take 7 men to do the work, allowing that each boy did five-eighths of a man's work?

4. If you had 2,000 oz. of bullion of 0.4623 fine in gold, it being alloyed with silver, what would be its value, taking silver at 2s. 5d. per ounce and pure gold at £4 4s. per ounce?

5. The height of the walls of a building is 23 ft. 10 in., the ground is sloping away from the building on a gradient of 1 in 7: required the length of ladder to reach from the ground 15 ft. 2 in. on the slope from the building to the top of the wall.

6. Describe fully what is meant by double entry in book-keeping, and state the advantages or disadvantages of keeping books by this method.

SUBJECT G.—*A Knowledge of Part V. of "The Mining Act, 1898."*

1. What provisions are there in the Mining Act in regard to machinery in motion?
2. If any workman got disabled by an accident, has he to prove that the accident occurred owing to the negligence of the owner of the property before he can get compensation?

3. State what provisions there are in the Mining Act in regard to winding and winding-ropes?

4. What provisions are there in the Mining Act in regard to explosives?

5. Are there any provisions in the Mining Act in regard to dust from dry crushing? If so, describe fully what these provisions are.

6. Are there any provisions in the Mining Act in regard to the yield of bullion? If so, state what requires to be done. (a.) When are returns required to be made? (b.) To whom have they to be supplied?

LIST OF MINE-MANAGERS AND BATTERY-SUPERINTENDENTS WHO HAVE OBTAINED CERTIFICATES UNDER THE MINING ACTS.

As there have been several inquiries made as to the names of persons who hold certificates as mine-managers and battery-superintendents, the annexed is a complete list of those holding certificates at the date of this report, taken from the register:—

THE MINING ACT.

FIRST-CLASS SERVICE CERTIFICATES.

Issued under "The Mining Act, 1886," without Examination.

Adams, H. H., Waiorongomai.	Greenish, J., Reefton.	Nasmyth, T., Reefton.
Anderson, P., Thames.	Greenville, W., Ohinemuri.	Newman, W., Naseby.
Andrews, R., Coromandel.	Hall, J. P.	Northey, J., Thames.
Andrews, T., Thames.	Hansen, P. C., Thames.	O'Sullivan, D. E., Thames.
Barclay, T. H., Thames.	Harris, J., Owen's Reefs.	Polton, A., Karangahake.
Bennett, J., Alexandra.	Harrison, R. H., Coromandel.	Porter, J., Waipori.
Bennet, J., Coromandel.	Hicks, T. B., Thames.	Purvis, G., Ross.
Black, T., Waiomoi.	Hilton, G. P., Bendigo.	Quinn, E., Te Aroha.
Bollersley, N., Boatman's.	Hodge, F., Coromandel.	Radford, T., Thames.
Bradbury, M., Reefton.	Hollis, W., Thames.	Ralph, J. G., Thames.
Bray, John, Lyell.	Hunter, R., Thames.	Ranger, J., Reefton.
Burch, W. H., Thames.	James, F., Thames.	Rasmussen, C. L., Mokihinui.
Byrne, J. F., Stafford.	Jamieson, A., Coromandel.	Rasmussen, C. P., Mokihinui.
Cameron, A., Macetown.	Jenkins, M., Wakatipu.	Reid, P., Coromandel.
Cameron, E., Te Aroha.	Johnstone, H., Bluespur.	Resta, L., Macetown.
Chapman, J. A., Dunedin.	Julian, J., Boatman's.	Roberts, E., Ross.
Clarke, G. S., Thames.	Kelly, J., Lyell.	Rooney, F., Reefton.
Comer, R., Thames.	Kerr, J., Thames.	Scott, T., Waiorongomai.
Conradson, M., Lyell.	Lawn, E., Black's Point.	Searight, A., Reefton.
Corin, W., Thames.	Lawn, H., Boatman's.	Senior, J., Thames.
Cornes, C. A., Karangahake.	Lawn, J., Reefton.	Smith, J. E., Thames.
Coutts, T., Thames.	Littlejohn, W., Karangahake.	Stone, F., Karangahake.
Crawford, T. H., Thames.	Lowe, E. W., Thames.	Steedman, J. B., Thames.
Crowley, C., Reefton.	Malfroy, J. M. C., Ross.	Sturm, A., Waipori.
Cummings, W., Reefton.	Martin, W. G., Thames.	Taylor, N., Thames.
Davis, J. E., Queenstown.	McCallum, J., Reefton.	Todd, C., Heriot.
Davey, C., Ross.	McCullough, R., Thames.	Treloer, J. S., Reefton.
Donald, J., Cromwell.	McGruer, G. N., Karangahake.	Tripp, R. S., Arrowtown.
Dryden, S., Thames.	McIlhane, J., Thames.	Vivian, J. G., Thames.
Dunlop, T. A., Thames.	McIntosh, D., Bluespur.	Vivian, S., Reefton.
Edwards, J., Skipper's.	McKay, J., Ross.	Waite, C. D., Thames.
Elliott, J., Macetown.	McKenney, J., Reefton.	Waite, E., Thames.
Evans, F., Skipper's.	McKenzie, W., Thames.	Walker, J. W., Thames.
Evans, J. H., Skipper's.	McLeod, G., Coromandel.	Watson, T., Reefton.
Fitzmaurice, R., Reefton.	McLiver, F., Thames.	Wearne, J. E., Endeavour Inlet.
Frewen, J. B., Queenstown.	McLiver, H., Thames.	Wearne, T., Endeavour Inlet.
Gavin, T., Te Aroha.	McMaster, J., Reefton.	Wilcox, J., Thames.
Gilbert, J., Reefton.	Moore, H. W., Thames.	Williams, J., Skipper's.
Gilmour, T., Thames.	Moore, J. H., Thames.	Wright, G., Boatman's.
Giles, G. F., West Wanganui.	Morgan, R., Otago.	Wylie, W., Ross.
Glass, W. M., Naseby.	Morrisby, A. A., Glenorohy.	Young, G., Skipper's.
Goldsworthy, J., Waiorongomai.		