

- (d.) The haulage in shafts and on underground planes; also the strength of haulage ropes and chains.
- (e.) The ventilation of mines and composition of gases.
- (f.) Tapping water in mines, and the mode of constructing dams in underground workings to keep the water back.
- (g.) Blasting and the use of explosives.
- (h.) The effect that faults, slides, and mullock-bars have on lodes, and how to ascertain the direction of slides and heavals.
- (i.) A knowledge of underground surveying, and of making plans of the underground workings, showing the dip or inclination and strike of the reefs or lodes.
- (j.) A knowledge of the different rocks where gold, silver, tin, copper, zinc, lead, and antimony are found, and the formation of lodes and leads.

Part 2.—Dredging.

- (k.) The mooring and working of dredges, and the working of appliances required to carry on gold-dredging operations.
- (l.) The strength of ropes, chains, machinery, and appliances necessary to carry on dredging operations.
- (m.) Pumping appliances for raising water for washing the dredged material and supplying water for steam-boilers.
- (n.) The recovery of gold from the dredged material.

Part 3.—Hydraulic Sluicing.

- (o.) The diameter, strength, and jointing of hydraulic pipes required to convey specified heads of water.
- (p.) The construction of water- and tail-races.
- (q.) The working of auriferous gravels by hydraulic sluicing, either by elevating or otherwise, including sluices and gold-saving appliances.

Part 4.—General.

- (r.) A knowledge of arithmetic and the method of keeping mining accounts.
 - (s.) A knowledge of Part V. of "The Mining Act, 1898"—oral.
- (8.) Candidates who pass shall be entitled to first- or second-class certificates, according to merit: Provided that if the candidate fails in Part 1 he shall be deemed to have failed in the whole examination, and in no case shall he be entitled to a first-class certificate unless he passes satisfactorily in Parts 1 and 4, and also in either Part 2 or Part 3.
 - (9.) If the candidate is the holder of a second-class certificate he shall state the fact in his application, in which case his examination shall be deemed to be for a first-class certificate, and if he passes he shall surrender his second-class certificate before receiving his first-class certificate.
 - (10.) The subjects of examination for certificates as battery superintendents shall be as follows:—
 - (a.) The different modes of reducing and pulverising ores.
 - (b.) Amalgamating-machines.
 - (c.) The use of quicksilver, and methods of using it in connection with the extraction of gold and silver from ores.
 - (d.) Cyanide, chlorination, and other chemical processes of recovering gold and silver from ores.
 - (e.) The sampling and testing of ores.
 - (f.) A knowledge of arithmetic and the method of keeping battery accounts.
 - (g.) A knowledge of Part V. of "The Mining Act, 1898"—oral.

General as to Certificates.

108. (1.) Certificates, whether by examination or without examination, shall be in such of the forms numbered to in the First Schedule hereto as are applicable.
- (2.) The Board shall keep a register of all certificates issued by it, distinguishing those issued by examination from those issued without examination.

MISCELLANEOUS.

As to Compensation payable otherwise than by the Crown.

109. Except in the cases where under the Mining Act or these regulations specific provision is made as to the mode of assessing compensation, all compensation payable thereunder, otherwise than by the Crown, shall be assessed in such manner as is agreed on by the parties concerned, or, failing agreement, then by the Warden and two Assessors.

110. In every case where the compensation is to be assessed by the Warden and two Assessors, the provisions of section of "The Mining Act Amendment Act, 1899," shall apply.

As to Compensation payable by the Crown in respect of Watercourses set apart for Discharge of Tailings.

111. The claim for compensation to be prescribed under section 109 of the Mining Act may be made in the form numbered in the First Schedule hereto, or to that effect.

General as to Compensation payable by the Crown.

112. Subject as last aforesaid, all claims for compensation against Her Majesty under the Mining Act may be made in such of the forms provided by "The Public Works Act, 1894," as are applicable, with all such modifications and alterations as the circumstances require.