

III. The examination will be in the following subjects, viz. :—

Preliminary :

1. Handwriting.
2. Orthography.
3. Arithmetic (to Vulgar and Decimal Fractions).

Competitive :

1. Theory of Construction (Engineering and Architectural).
2. Knowledge of Materials (Engineering and Architectural).
3. Designs and Specifications (Engineering and Architectural).
4. Estimating and Valuing (Engineering and Architectural).
5. Drawing (Engineering and Architectural).

IV. Application for permission to attend an examination must be made at such times and in such manner as the Commissioners may appoint.

V. A fee of 10s. will be required from each Candidate attending the Preliminary Examination, and a further fee of £1 from each Candidate attending the Competitive Examination.

The Civil Service Commissioners further give notice, that an Open Competitive Examination for one situation of Clerk and Draughtsman in the Department of the Surveyor-General of Prisons will be held in London on Friday, the 15th of October, 1875.

A Preliminary Examination will be held in London on Tuesday, the 12th of October, 1875.

Persons wishing to be admitted to the Examination should apply at once for the necessary form to the Secretary, Civil Service Commission, London, S.W.

NOTICE TO MARINERS.

(No. 108.)—GIBRALTAR STRAIT—AFRICAN SHORE.

Sunken Rock near Blanca Point.

INFORMATION has been received from the Senior Naval Officer at Gibraltar of the existence of a detached rocky patch lying 3 cables off Blanca Point (3 miles north-westward of Cueta), and on which the steamship *Susan* was recently wrecked.

This rock (*Susan Rock*) is about 30 yards in extent north and south, and 10 yards east and west, has 16 feet water on it and is steep-to, having 6 to 9 fathoms close around it.

From Susan Rock the following bearings were taken, viz. :—

Point Leona, W. by N. $\frac{2}{3}$ N., $1\frac{1}{2}$ miles.

Blanca Point Tower (ruin), S. by W. $\frac{1}{2}$ W., 600 yards.

North angle of old Cueta Wall just open of Bermeja Point, S. by E. $\frac{3}{4}$ E., $\frac{3}{4}$ mile.

This detached danger lies E. by S. $\frac{3}{4}$ S., 3 cables from the well-known Benzus Shoal, and there is from 7 to 8 fathoms between them.

[All bearings are magnetic. Variation $18\frac{1}{4}$ Westerly in 1875.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London.

29th July, 1875.

This Notice affects the following Admiralty Charts :—Gibraltar to Alicante, &c., No. 1186 ; Gibraltar Strait, No. 142 ; Cape St. Vincent to Strait of Gibraltar, No. 92 ; and Cueta, No. 2742 : Also, Sailing Directions for the west coasts of

France, Spain, and Portugal, 2nd Edition, page 316 ; and Mediterranean Pilot, Vol. I, page 55.

WE, whose names are hereunder written, having been sworn this twenty-first day of July, one thousand eight hundred and seventy-five, before the Queen's Remembrancer, at Goldsmith's Hall, in the city of London, have made the Assays and Trials of Her Majesty's Gold and Silver Coins in the Pyx of the Mint, and which, according to accounts produced by the officers of the Mint, were coined in the said Mint from the first day of July, one thousand eight hundred and seventy-four to the thirtieth day of June, one thousand eight hundred and seventy-five, both days inclusive. We ascertained that the number of coins, both of gold and silver, in each packet produced to us, corresponded with the number which the officers of the Mint represented it to contain, and we took a coin or coins from each of such packets of Gold coins, making altogether one sovereign or twenty shilling piece, and six half-sovereigns or ten shilling pieces, and we weighed each of the said coins separately, so as to ascertain whether they were within the remedy prescribed in the First Schedule of the Coinage Act, 1870. We found that the amount of variation from the standard of weight specified in the said First Schedule of the said Act was minus three thousandths of an ounce (or $\cdot 003$) on the whole of such coins, and that, therefore, they were within the prescribed remedy as to weight. We then melted the said Gold coins so taken out and weighed, into an ingot, and assayed such ingot, comparing it with the Standard Gold Trial Plate produced by the Board of Trade, so as to ascertain whether the metal was within the remedy as to fineness prescribed in the said First Schedule to the said Act, and we found that the amount of variation thereof from the Standard of Fineness specified in the said First Schedule to the said Act was minus three ten-thousandths (or $\cdot 0003$), and, therefore, that the said metal was within the prescribed remedy as to fineness. We weighed the residue of the said Gold coins in bulk, and we ascertained that they were within the remedy as to weight. We then took from such residue one sovereign and two half-sovereigns, and weighed and assayed them separately, and we found that such sovereign weighed 123.274 grains ; and that such half-sovereigns weighed respectively, the first 61.697 grains, and the second also 61.697 grains. We then assayed the said sovereign and two half-sovereigns separately, and we found the millesimal fineness of such sovereign to be 916.7, and the millesimal fineness of such half-sovereigns to be 916.5 and 916.3, respectively. We also took a coin from each of such packets of Silver coins, making altogether ten half-crowns, two florins, eighteen shillings, eight sixpences, and of Maundy monies, one fourpenny piece and eighteen threepences, and weighed each of the said Silver coins separately, so as to ascertain whether they were within the remedy of the said First Schedule of the said Coinage Act, 1870. We found that the amount of variation from the Standard of Weight specified in the said First Schedule of the said Act was minus sixty-six thousandths of an ounce (or $\cdot 066$) on the whole of such coins, and that, therefore, they were within the prescribed remedy as to weight. We then melted the said Silver coins, so taken out and weighed, into an ingot, and assayed such ingot, comparing it with the Standard Silver Trial Plate produced by the Board of Trade, so as to ascer-