

printed on parchment, which is proposed to be given to each successful candidate, for pocket reference. The Committee also reported a design from Mr. R. C. Todd, for a large Lithographed Certificate, which it is proposed to present to candidates obtaining First and Second Class Awards, in addition to the smaller certificate.

The report was adopted.

It was moved by Mr. McNaughton, seconded by Mr. Shier, and *Resolved*—That the Secretary be directed to convey the thanks of the Board to the several gentlemen who have kindly given their gratuitous services as Examiners, in connection with the late FINAL EXAMINATIONS of the Board.

It was moved by Mr. Sheppard, seconded by Mr. Shier, and *Resolved*—That Mr. Langley be added to the Examination Committee, in place of Professor Hind, who is now absent from the city; and that said Committee be requested to report a

programme of examinations for 1865, at next meeting of this Committee.

It was moved by Mr. Sheppard, seconded by Mr. Shier, and *Resolved*—That the design of certificate just submitted be adopted, and lithographed at an expense not to exceed fifty dollars (in addition to cost of design); that one hundred copies thereof be printed, and the stone purchased, to be the property of the Board.

The subject of commencing a School of Design during the coming fall was introduced and discussed, when

It was moved by Mr. Shier, seconded by Mr. McNaughton, and *Resolved*—That Messrs. Sheppard, Clarke and Langley be a Committee to consider the practicability of establishing a School of Design in connection with the Board, and to report to the next meeting of this Committee.

The meeting then adjourned.

W. EDWARDS, *Secretary*.

ALPHABETICAL LIST OF THE PRINCIPAL ENGLISH PUBLICATIONS FOR THE MONTH ENDING JUNE 30.

Blanquart-Evrard (M.) on Intervention of Art in Photography, 12mo.....	0	1	6	<i>Low</i> .
Coke (Chas. A.) Population Gazetteer of England and Wales, sm. 4to, sd.....	0	2	6	<i>Harrison</i> .
Conington's Tables for Qualitative Analysis, 2nd edit., sq. cr. 8vo	0	2	6	<i>Longman</i> .
Fairbairn (Wm.) Two Lectures on Iron, and its Application to Manufacture, 8vo... 0	1	0		<i>Lambert</i> .
Grammar (The) of House Planning: Hints on Plans of Cottages, &c., sm. cr. 8vo. 0	5	0		<i>Fullarton</i> .
Herschel (Sir John F. W.) Outlines of Astronomy, 7th edit., 8vo	0	18	0	<i>Longman</i> .
Lund (Thos.) Commercial Euclid; or Geometry as a Science, 2nd edit., 12mo..... 0	2	0		<i>Longman</i> .
Parnell (G. F.) Superficial Ready Reckoner for Casemaker's, Packers, &c., 8vo ... 1	1	0		<i>Simpkin</i> .
Popular Treatise (A) upon the Science of Optics, fcap. 8vo.....	0	2	0	<i>Whittaker</i> .
Scheerer (T.) Use of the Mouth Blowpipe, edit. by H. F. Blanford, 2nd ed., fcp. 8vo. 0	2	5		<i>Williams & Nor</i> .
Strickland (C. W.) on Cottage Construction and Design, 8vo.....	0	7	6	<i>Macmillan</i> .
Sutton (Thos.) Instantaneous Dry Collodion Processes, 12mo	0	2	0	<i>Low</i> .
Theory (The) of the Exchanges, Bank Charter Act, 1844, 8vo.....	0	10	6	<i>Newby</i> .
Weaver (Henry) Hints on Village Architecture, roy. fol., red to.....	0	10	6	<i>Spon</i> .
Whewell (Wm.) Astronomy and General Physics, new edit., fcap. 8vo	0	5	0	<i>Bell & Daldy</i> .

Notices of Books.

"TREATISE ON MILLS AND MILL WORK." Part I. on the principles of mechanism and prime movers, &c. Part II. on machinery of transmission, and the construction and arrangement of mills, &c. By William Fairbairn, Esq., C.E., LL.D., F.R.S., F.G.G., corresponding member of the National Institute of France; of the Royal Academy of Turin; Chevalier of the Legion of Honour, &c. London: Longman & Co.

There are very few men now living who could do that ample justice to the subjects here treated of, which makes this work so safe and reliable. Like all the author's other written works it is the result of his own actual experience; and never,

perhaps, was there a more zealous and indefatigable labourer in the field of applied science.

These volumes give us an admirably written chapter on THE PRINCIPLES of mechanism, treating in the most lucid manner of general views relating to machines, elementary forms, link work, wrapping connectors, wheel work, motion by rolling contact and by sliding contact. This chapter has been furnished at the author's request by Mr. Thomas Tate, and we do not know where to find so much useful matter in so small a space. It is equally worth the attention of the tyro and of his master.

Next follow five chapters on PRIME MOVERS, on which we have the best information on all kinds of water-wheels and turbines, and so much of "hydronamics as relates to the measurement of the discharge of water and the estimation of water