

9. *Metallurgy*.—Metals in a crude and refined state, with specimens illustrating the various stages of production, also samples of products of working alloys; products of washing and refining precious metals; electro-metallurgy; products of the working of metals (rough castings, wrought-iron, &c.); manufactured metals (blacksmiths' work, wheels and tires, &c.); wire-drawing, needles, pins, &c.

10. *Mine-engineering*.—Boring and drilling rocks, &c.; construction of shafts, &c.; hoisting; pumping and draining; ventilating; hydraulic mining; quarrying; models of mines, veins, &c.; geological maps, sections, and plans of gold and other fields.

11. *Specimens illustrative of the Mechanical Properties of various Kinds and Qualities of Structural Materials*.

12. *Military and Naval Armaments, Ordnance, Firearms, and Hunting-apparatus*.—Military small-arms, muskets, pistols, and magazine-guns, with their ammunition; light artillery, compound guns, machine-guns, mitrailleuses, &c.; heavy ordnance and its accessories; knives, swords, spears, and dirks; firearms and other implements used for sporting and hunting; traps for game, birds, vermin, &c.

13. *Naval Architecture, &c.*—Railway apparatus; aerial, pneumatic, and water transportation.

14. *Agriculture* (Agricultural tools, appliances, and machinery; also soils, manures, &c. In this section will be included mineral fertilising substances—*e.g.*, gypsum, phosphate of lime, marls, shells, coprolites, &c., not manufactured).—Specimens to illustrate the life-history of animals useful to man.

15. *Instruments of Precision, and Apparatus for Observations, Research, Experiment, and Illustration*.—Instruments for physical diagnosis; surgical instruments and appliances, with dressing; dental instruments and appliances.

16. *Sanitary Conditions, Appliances, and Regulations*.—Industrial designs; domestic architecture and building-construction; architectural designs in general; decoration of interior of buildings; vehicles and appliances for the transportation of the sick and wounded during peace and war, on shore or at sea; apparatus for heating and lighting; apparatus used for cooking; laundry appliances; bath-room and water-closet; manufactured parts of building (sashes, &c.).

17. *Educational*.—Arrangements, furniture, appliances, and modes of training of kindergarten, schools, colleges, professional and technical schools, institutions for deaf, dumb, blind, &c.

18. *Chemical and Pharmaceutical Products*.—Organic and inorganic preparations which are put to some useful purpose.

19. *Models, Drawings, and Descriptions of Patents*.—Special attention will be paid to those which are likely to prove of use in the colonies, or which have been taken out in Australia.

20. *Exhibition-catalogues, Trade-journals, Price-lists, and Descriptions of new Processes or Industries*.—The information afforded to manufacturers, merchants, and tradesmen by a collection of this kind is of great value.

Series of specimens illustrating all the stages of a manufactured article are especially desired. Sufficient concise information is attached to each exhibit or group to satisfy, without wearying, the visitor; a full description is given in the catalogues. The prices paid for specimens and their commercial value are indicated wherever possible, as it is a matter in which visitors usually take very great interest. The value of gifts is never affixed where donors express wishes to the contrary.

This Museum reflects the highest credit upon the curator and managers. In September, 1882, the whole Museum was destroyed by fire. An entire fresh start was at once made, and the Museum opened to the public in the latter part of 1883. The number of specimens is now something over thirty thousand. The building, or, rather, shed, in which this valuable collection is contained is a disgrace to the Government of New South Wales. Strong measures should at once be taken to have suitable buildings erected, or the same fate may again overtake them. It is impossible to inspect the exhibits, owing to the crowding-together of cases containing specimens, which in many instances cannot possibly be displayed, owing to want of room. From an industrial point of view, there are very valuable illustrations and specimens, especially of New South Wales timbers, polished and unpolished, samples of wool, stone, clays, &c. Electrotypes reproductions of examples of art-workmanship from South Kensington and other museums, tiles, earthenware, stoneware, art-pottery and porcelain, including several valuable specimens from Doulton and Co., Lambeth Pottery, industrial designs for wood, iron architectural and other decorations, textile fabrics, metalwork, &c., are displayed upon screens, and should prove an excellent advantage to the students of the Technical College. Technological Museum expenditure: For maintenance and additions, £1,690; specimens, models, &c., £1,089; salaries, &c., £921: total, £3,700.

Fine Arts.

The Art-gallery of New South Wales contains a large number of excellent works in oil and water-colour, black-and-white, sculpture, modelling, and art-pottery. Students are permitted to copy portions of pictures upon application to the Trustees of the Gallery, submitting with each application satisfactory specimens of work. No picture may be copied the same size or in its entirety. Expenditure in connection with National Art-gallery: For buildings, £1,000; works of art, £3,326 6s. 4d.; maintenance, £924 2s. 5d.; salaries, £892 12s.: total, £6,143 0s. 9d.

The Art Society of New South Wales.

This society is established for the encouragement of the fine arts, and is similar to our New Zealand art societies, holding an annual exhibition of works. The rooms of this society are in Pitt Street, where the exhibitions are now held. Classes are held as follows: Antique, 10s. 6d. per quarter, two evenings; life, £1 1s. per quarter, two evenings; painting, £1 1s. per quarter, Saturday afternoon. The above classes are open to members of the society, who pay an annual subscription of one guinea, and the above fee in addition to each class joined. Student-members of