

(1) THE WRITTEN EXAMINATION may comprise advanced questions on any of the subjects included under the two previous examinations, together with the following:—

1. Drawing and Design: The preparation of decorative designs and working drawings.
2. Architectural: The orders and styles of architecture and their predominant features. The periods and styles of decoration and their chief characteristic details.
3. Mensuration: Taking out quantities and estimating.
4. General Principles: The management of men and works; preparation of specifications of work for given purposes and under given conditions.
5. Colouring: Colour in its larger aspects as related to some definite position or purpose; the consideration of external factors and their effects—*e.g.*, lighting, distance, or point of view, pre-existing coloured objects; the proper expression of structure and surface in architecture—*e.g.*, the distribution of such colour values as shall sustain mouldings or members according to their relative importance and purpose; the power of colour to sustain, override, or modify the effects of architectural arrangement in their final settlement of proportions.
6. Brushes, Tools, Plant, and Appliances: The management of the paint shop and stores; the selection of plant and tools for jobs; the testing and care of step-ladders, &c.; arrangement of men when painting large surfaces.
7. Materials: Practical and simple chemical tests for pigments, oils, turpentine, driers, varnishes, enamels, and other materials; selection, purchase, and storage of materials.
8. Grounds for Painting: Preparation of special surfaces as metals, cements, poillite and plaster board, &c.; the treatment for special conditions as smoke, grease, heat, frost, and hard wear.
9. Painting: Power of paints to resist action of weather, heat, gases, acids, alkalis, &c.; testing of paints to ascertain this power.
10. Distemper: Painting ornament in and on distemper; the use of distemper on other than plaster grounds.
11. Wall-hangings: The selection and hanging of jute, canvas, silk, tapestry, and other materials.
12. Spray-painting and lacquering.
13. Imitative Painting: The use of imitative effects of materials and texture, as bronze, ivory, majolica, &c.; roller and transfer processes of graining; the representation of inlays, marquetric, mosaic, ivory, bronze, &c.
14. Lettering: Writing and embossing, gilding and colouring on glass; elements of heraldic painting and illuminating. The treatment and application of wood and other attachable letters.
15. Decorative Processes: Polychromatic stencilling; raised and sanded decorative painting; matt and burnish gilding; gesso and tapestry painting.
16. Staining: Ornamental and decorative staining; chemical staining; comparative value of water, oil, and spirit staining.
17. Varnishing: Different processes of felting down and hand polishing.
18. Scaffolding: General outline of scaffolding regulations.

(2) PRACTICAL EXAMINATIONS AND SPECIMEN WORK.—The practical work required of a candidate will consist of an obligatory portion on the selection and harmony of colours, and of two other tests to be selected from the subjects enumerated below:—

- (a) The preparation of a design for decoration.
- (b) The preparation of full size working drawings and partial execution in colour from a scale black and white sketch.
- (c) The arrangement and execution of a decorative sign-board in colour and gold.
- (d) Writing, embossing, and gilding on glass, wood, plaster, and other surfaces.
- (e) The painting and stencilling of a panel or frieze, from given directions.
- (f) The execution of examples of specified woods and marbles.
- (g) The execution of a panel decorated by one of the processes included in the syllabus for the written examination and specified by the examiners.
- (h) The matching and harmonizing of named colours, tints, or shades upon a moulded panel in varnish, or other specified manner.
- (i) The painting of ornament in monochrome from a cast.

The obligatory test or tests are to be specimens of the candidate's work executed in his own time; the remaining tests are to be executed under examination conditions.

F. D. THOMSON,
Clerk of the Executive Council.