

GEOMETRICAL AND BUILDING DRAWING (870)

This subject may not be taken with Geometrical and Mechanical Drawing.

Candidates will be required to reach a minimum standard in the subject as a whole. The use of drawing board, tee-square and set-squares will be required. (Candidates may, if they wish, use a drawing board fitted with parallel motion straight edge. The use of

drafting machines will be permitted). A2 size paper will be used. The recommendations of IS:962-1972 Indian Standard, Code of Practice for Architectural and Building Drawings should be followed.

The use of models is to be encouraged in studying this syllabus.

CLASS XII

There will be one paper of 3 hours duration of 100 marks.

Building Drawing

Candidates will be required to answer **all** questions.

The course on Building Drawing should be based on the form and construction of simple buildings and parts of buildings.

Orthographic projection in either First or Third Angle projection, including sectional views of buildings and parts of buildings and building details, e.g. foundations, walls (including openings), jambs, sills and simple stairs.

Free-hand sketching on both orthographic and pictorial form of simple building details and tools used in the various building crafts and school workshops such as hammer, mallet, tri - square, plane chisel, trowel, screwdriver and the like.

Drawing paper (folded) will be provided but candidates may use any type of drawing paper for answering the question provided it is of suitable quality and of the correct size.