

# Module-2

With neat sketches, explain the various support systems the point fixed support glazing uses. (20 Marks)

# OR

a. With neat illustrations, explain any 4 types of structural glazing systems. (10 Marks)
b. Why is aluminum preferred as a building material? Illustrate with details the common types of sun lowers seen in buildings. (10 Marks)

## Module-3

An artist's studio requires an opening of  $3000 \times 2700$  mm to be designed with a wooden sliding folding door design. With suitable scale, draw plan, elevation, cross-sections and any 2 details. (20 Marks)

## OR

An architect's office requires an opening of  $3000 \times 2700$  mm to be designed with a UPVC door design. Assuming suitable scales, draw plan, elevation, cross-sections and any 2 details for the same. (20 Marks)

#### Module-4

Design and detail an opening of  $3600 \text{ mm} \times 2700 \text{ mm}$  for a conference room in an office using aluminium sliding folding doors. Draw the construction mechanism for the same with a layout plan, elevation, cross sections and details related to the same. (20 Marks)

# OR

8 Explain the working mechanism with neat sketches of a steel sliding folding door. (20 Marks)

# Module-5

A music studio with a recording room of size  $4000 \times 4500$  mm requires to be sound proofed using appropriate sandwich panels, provide construction details with suitable sketches for the same. (20 Marks)

# OR

10 Design and detail a skylight in a terrace for an opening of size  $1200 \times 1500$  mm. Draw with suitable scale the plan, elevation, cross-sections and details for the same. (20 Marks)

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2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice. Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

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