

Module-4

- 7 Draw a single stringer timber staircase in 1:10 scale labeling all the necessary parts. Following are the requirements:
- a. Plan (05 Marks)
 - b. Sectional Elevation (05 Marks)
 - c. Two enlarged details (10 Marks)

OR

- 8 Explain with neat sketches:
- a. Types of stairs (05 Marks)
 - b. RCC Waist slab (05 Marks)
 - c. Stone stair (05 Marks)
 - d. Folded type stairs in RCC (05 Marks)

Module-5

- 9 Design a fire escape stair for an apartment building. Assuming the typical floor height to be 3150 mm. Draw to suitable scales.
- a. Plan (05 Marks)
 - b. Section (05 Marks)
 - c. Longitudinal section (05 Marks)
 - d. 2 enlarged details (05 Marks)

OR

- 10 Explain with neat sketches :
- a. Steel Spiral stair (07 Marks)
 - b. Brick Stone stair (06 Marks)
 - c. Steel Glass stair (07 Marks)
