

**DRAUGHTSMAN CIVIL
(PRACTICAL)
SEMESTER-II (MENTOR COUNCIL)**

TIME : 8 Hrs.

MARKS: 270

Note:- Attempt all questions.

1. Draw front elevation of a double leafed paneled and glazed door. (75)
2. Draw plan and section of Dog – Legged Stair case of plan size 2.5m x 4.5m with wall thickness of 300mm. Floor height is 3.2m assume suitable nos. of rise and tread. (75)
3. Draw to a suitable scale showing front elevation of a king truss with following details. (70)
 - a) Span of Truss = 10.0m
 - b) Angle of Truss = 30 degree
 - c) Principal rafter = 100mm x 140mm
 - d) Common rafter = 50mm x 100mm
 - e) King Post = 100mm x 100mm
 - f) Tie Beam = 80mm x 100mm
 - g) Struts = 80mm x 100mm
4. Draw a line plan of single storied residential house with a bed room and flat roof. (50)
