Note:- Attempt all questions.

1. Draw front elevation of a double leafed paneled and glazed door.  

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.  

3. Draw to a suitable scale showing front elevation of a king truss with following details. 
   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.  

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