Assignment

1. Draw the shear force and bending moment diagrams for the following examples.

i) Say you have a simply supported beams subjected to triangular load its span is 6m and its intensity is 12kN/m.

ii) Then we will have to calculate shear force and bending moment for a triangular load for a cantilever beam subjected to linearly varying load of intensity 10kN/m and the span is 4.5m.

iii) Take an overhanging beam with load 10kN, 5kN and the distance will be 2m, 2m and 1m.