

# HOISTING OF A BEAM

1. A beam of length 10 m and weight 100 kN is supported by a crane. The crane is positioned 2 m from the left end of the beam. The beam is lifted by a cable attached to the crane and the right end of the beam. The crane is supported by a vertical post. The beam is lifted at an angle of 30° to the horizontal. The crane is supported by a vertical post. The beam is lifted at an angle of 30° to the horizontal.

