Weaknesses
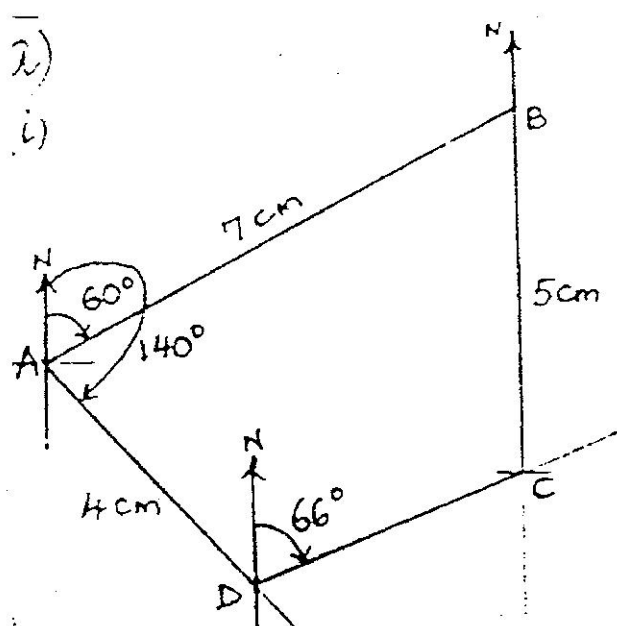
♦ Some candidates were unable to draw a correct scale diagram of the posts.
♦ Many candidates were unable to measure correctly the distance and bearing of one post from the other.
♦ Others could not understand the phrase 'distance and the bearing of C from D'.
♦ A good number of candidates could not draw a correct scale drawing where an angle of depression would be shown and measured.
♦ Some candidates were unable to identify the difference between an angle of **depression** and **elevation**.

Expected Responses

Responding to the above mentioned requirements of the question, candidates needed to read and comprehend the demands of each task of the question.

In part (a) of the question, candidates were expected to come up with the diagram representing the relative positions of the posts as shown below:

ii)   The bearing of post C from D = $065^0 \pm 1^0$ and their distance = $3.8 \times 3 = 11.4$ m

44