



BMS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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DEPARTMENT OF MECHANICAL ENGINEERING

COMPUTER AIDED ENGINEERING DRAWING- BCED23

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CCA -1

1. Two objects, a flower (A) and an orange (B) are within a rectangular compound wall, whose P & Q are walls meeting at 90°. Flower A is 1M & 5.5 M from walls P & Q respectively. Orange B is 4M & 1.5M from walls P & Q respectively. Drawing projection, find distance between them. If flower is 1.5 M and orange is 3.5 M above the ground. Consider suitable scale. **(5 Marks)**
2. A lamina of rhombus shape, has major diagonal of 200 mm and minor diagonal of 150 mm. It is resting on one of its corners on HP. The lamina is inclined to the HP in such a way that its major diagonal appears as a minor diagonal of 100 mm. Draw projections of the lamina when its original minor diagonal makes an inclination of 30° with the VP. **(5 Marks)**