

QUESTION 1: POINTS AND LINES

- 1.1 The question was reasonably well answered, but the true length of the line was, in some cases, wrongly drawn.
- 1.2 The question was answered well, but some candidates had problems determining the horizontal trace. The HT and VT were sometimes swapped.
- 1.3 Some candidates had difficulty determining the shortest distance.
- 1.4 In general, this question was answered well.

QUESTION 2: INTERPENETRATION BETWEEN A PLANE FIGURE AND AN OBLIQUE PLANE

This question was poorly answered. In many cases candidates determined the true angle to the horizontal plane, instead of the vertical plane. Determining the true length of the line of penetration was a problem for some candidates.

QUESTION 3: PLANE FIGURE ON AN OBLIQUE PLANE

This question was answered poorly. Most of the candidates did not change the oblique plane into an inclined plane (Question 3.1- basic knowledge). Candidates did not make use of the given information – the top view of side CD. Only a few candidates were able to draw the front view.

QUESTION 4: SOLIDS AND DEVELOPMENT

Generally speaking, determining the top view and interpenetration was well done. However, the top view was frequently drawn under the front view. Determining the true shape of the development was fairly well answered.

QUESTION 5: HELIX

Not all of candidates could answer this question. Instead of determining the loci of the helix, other loci (cycloid, Archimedean spiral, etc.) were drawn. The direction (clockwise) was sometimes drawn anti-clockwise.

QUESTION 6: CAM PROFILE

This question was answered very well, but some candidates misinterpreted the direction of rotation and that of the profile.