

TECHNICAL DRAWING SG PAPER 1

This question paper was well answered by candidates.

QUESTION 1 : POINTS AND LINES

Question 1.1 The candidates answered this question well.

Question 1.2 Candidates did not draw the perpendicular lines from the edge view and the X-Y was not drawn.

Question 1.3 Some candidates forget to draw the top view.

Question 1.4 Candidates made incorrect changes to the oblique plane. The VT should have been extended.

QUESTION 2: PLANE FIGURE ON THE OBLIQUE PLANE

Many candidates used the HOP method to determine the top view. The true distance was incorrectly measured.

QUESTION 3: SECTION OF A GEOMETRICAL SOLID

Candidates could provide only the front view and top view. The general tendency was not to draw the top view.

QUESTION 4: INTERPENETRATION OF TWO SOLIDS

Some candidate drew the auxiliary view as a hexagon, which was incorrect. In many cases the pyramid (main pipe) was developed.

QUESTION 5: LOCUS

Calculations and the division of AB into four parts and BC into eight parts were missing.

QUESTION 6: CAM PROFILE

This question was well answered. The direction and degrees were, in some cases, missing.

TEGNIJSE TEKENE SG VRAESTEL 1

Die vraestel was redelik goed deur kandidate beantwoord.

VRAAG 1: PUNTE EN LYNE

Vraag 1.1: Die vraag was goed beantwoord

Vraag 1.2: Kandidate teken nie loodyne vanaf kantaansig nie en X-Y lyn ontbreek ook.

Vraag 1.3: Sommige kandidate vergeet om die boaansig te teken

Vraag 1.4: Kandidate verander die skuinsvlak verkeerdlik . Die VS moet verleng word.

VRAAG 2: VLAKFIGUUR OP SKUINSVLAK

Baie kandidate het die HELP- metode gebruik om die te vooraansig bepaal. Die ware vorm se afmetings was verkeerdlik gemeet.

VRAAG 3: DEURSNEE VAN `N MEETKUNDIGE VASTE LIGGAAM

Kandidate kon meestal net die snit vooraansig en snit boaansig bepaal. Daar was `n algemene neiging om nie die ware vorm te beantwoord nie.

VRAAG 4: DEURDRINGING VAN TWEE VASTE LIGGAME

Sommige kandidate het die hulpaansig as seskant geteken, wat verkeerd was. Die oppervlakontwikkeling was swak beantwoord. In baie gevalle was die piramiede (hoofpyp) ontwikkel.

VRAAG 5: LOKUS

Berekening en die indeling van AB in vier dele en BC in agt dele, ontbreek

VRAAG 6: NOKPROFIEL

Die vraag is goed beantwoord. Die rigting en grade het in sommige gevalle ontbreek.