

## TECHNICAL DRAWING SG PAPER 2

### Question 1: FREEHAND ISOMETRIC DRAWING

This question was very well answered. The candidate are given three views of an orthographic drawing and instructed to draw an isometric sectional drawing. Most of the candidates answered this question correctly, but the majority of them drew the drawing with instruments, even though they were clearly warned that they would be penalised by 5 marks if they used instruments.

### Question 2: TWO-POINT PERSPECTIVE DRAWING

This question was also answered well. Most of the candidates were able to determine the RVP and LVPI., but there were mistakes made in transferring dimensions from the auxillary views. The candidates were penalised for the first mistake and then credited with the marks they earned in the rest of the drawing.

### Question 3.1 SECTIONING OF A CASTING

Most of the candidate could not draw the aligned section correctly. They were penalized by 2 marks for the mistake and thereafter credited with the marks they earned for the rest of the drawing.

### Question 3.2 SECTIONING OF AN ASSEMBLY

This was a very easy question and most of the candidate scored marks here. They were given an assembly drawing and had to complete it by adding the section lines. However, very few candidates drew the section lines at the thread correctly.

### Question 4. SECTIONING OF AN ASSEMBLY

This question was not too difficult. The candidates were given four parts to assemble. They were also given a guide on how to assemble the parts. Most candidates answered this question well, but some of them tried to draw to a scale of 1 : 1, even though they were asked to draw to a scale of 2 : 1 and had been given a prepared sheet on which the outline of the front view was already drawn to a scale of 2 : 1.

---

## TEGNIËSE TEKENE SG VRAESTEL 2

### Vraag 1: VRYHAND ISOMETRIESE TEKENE

Hierdie vraag is goed beantwoord. Die kandidate is drie aansigte van 'n ortografiese tekening gegee en hulle moes 'n Isometriese snit teken. Die meeste kandidate het die vraag reg beantwoord, maar die groot meerderheid van die kandidate het dit met instrumente geteken alhoewel daar duidelik gestel was dat hulle gepenaliseer gaan word met 5 punte indien hulle instrumente gebruik.

### Vraag 2: TWEEPUNTPERSPEKTIEFTEKENE:

Hierdie vraag is ook goed beantwoord. Meeste van die kandidate kon die RVP EN LVP bepaal. Daar was wel foute met oordrag van mate vanaf die hulpaansigte. Die kandidate is gepenaliseer vir die eerste fout en daarna gekrediteer vir die res van die tekening.

### Vraag 3.1 DEURSNEE VAN 'N GIETSTUK

Hierdie was 'n vraag van net 10 punte en die kandidate moes 'n gerigte snit teken. Die meeste van die kandidate kon nie dit doen nie. Daar was maar enkele kandidate wat dit wel bemeester het. Hulle is met 2 punte gepenaliseer vir die fout en daarna gekrediteer vir die res van die tekening.

### Vraag 3.2 DEURSNEE VAN 'N SAMESTELLING

Hierdie vraag was baie maklik. Die meeste kandidate het baie punte hier behaal. Hulle was 'n samestelling gegee en moes die arseerlyne van die snit teken. Baie min kandidate het die arseerlyne by die skroefdraad korrek geteken.

### Vraag 4. DEURSNEE VAN 'N SAMESTELLING

Hierdie vraag was nie te moeilik nie. Die kandidate is 4 dele gegee om bymekaar te teken in die samestelling. Hulle was ook 'n gids gegee wat hulle wys hoe om die verskillende dele saam te stel. Baie van die kandidate het dit goed beantwoord. Daar was geen algemene fout nie, slegs dat sommige kandidate probeer teken het op 'n skaal van 1:1, alhoewel hulle gevra is om op 'n skaal van 2:1 te teken en aan hulle 'n voorbereide blad gegee is waar die buitelyne van die vooraansig op 'n skaal van 2:1 was.