

TECHNICAL DRAWING HG VRAESTEL 2

Drawing conventions must be taught to enable the candidate to apply it to any drawing correctly. The lack of this knowledge was clearly visible in the paper.

FREEHAND DRAWING:

Less candidates than last year used instruments to draw the freehand drawing. Few could do the drawing to the proper scale and size. Candidates must be reminded not to use any instruments in drawing the drawing. Not even to determine the degrees.

PERSPECTIVE DRAWING:

All the candidates, with some exceptions, vanishing points were correct. Candidates do not realize that if the top view is touching the picture plane that same point will touch the ground plane. Due to that their heights were not correct.

SECTIONAL VIEW:

Few candidate know the conventions of drawing good enough to answer any type of sectional view and therefore the answer was very badly answered. Candidates must get enough practice in the answering of these type of questions.

HATCHING OF SECTIONAL VIEW:

This question were answered well by most candidates. The only problem was that they could not do the part section on the shaft and pin correctly. Very few could draw the spring and knurling.

ASSEMBLY:

Although the assembly was assembled correctly, the candidate got bad marks for incorrectly drawing the sectional view.

TEGNIесе TEKENE HG VRAESTEL 2

Tegniese Tekene konvensies moet ten alle tye onderrig word, om die kandidaat instaat te stel om dit op enige tekening, korrek van toepassing te maak. Die gebrek aan hierdie noodsaaklike, onontbeerlike kennis is duidelik in die vraestel uitgewys.

VRYHAND TEKENINGE:

Minder kandidate het vanjaar instrumente gebruik om die vryhandtekening te doen. Baie min kon egter die tekening volgens die gevraagde grootte teken. Kandidate moet net herriner word dat geen instrumente gebruik mag word nie, selfs nie om die grade te bepaal nie.

PERSPEKTIEFTEKENING:

Alle kandidate, op die uitsondering na, se verdwynpunte is, korrek bepaal. Daar is kandidate wat nie besef dat as die bo-aansig aan die prentvlak raak, dieselfde punt ook aan die grondvlak raak nie. As gevolg van dit kon hulle nie die korrekte hoogtes bepaal nie.

SNIT VAN ENKELDEEL:

Baie min kandidate ken die konvensies van tegniese tekene goed genoeg om enige tipe vraag te beantwoord en die vraag is baie swak beantwoord. Alle kandidate moet genoeg oefening in die beantwoording van die tipe vrae kry.

ARSEER VAN MASJIE NSTUK:

Die vraag is baie goed deur die meeste kandidate beantwoord. Die enigste probleem was dat hulle nie gedeeltelike arsering op die as en/of pen korrek gedoen het nie. Weinig kon die kartel op die moer teken en die veer teken.

SAMESTELLING:

Alhoewel die samestelling korrek aanme kaargesit is, het die kandidate swak punte gekry deurdat die deursnee nie korrek geteken is nie.