higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

# NASIENRIGLYN

## NASIONALE SERTIFIKAAT

## MEGANIESE TEKENWERK N4

## 27 MAART 2018

**Hierdie nasienriglyn bestaan uit 8 bladsye.**

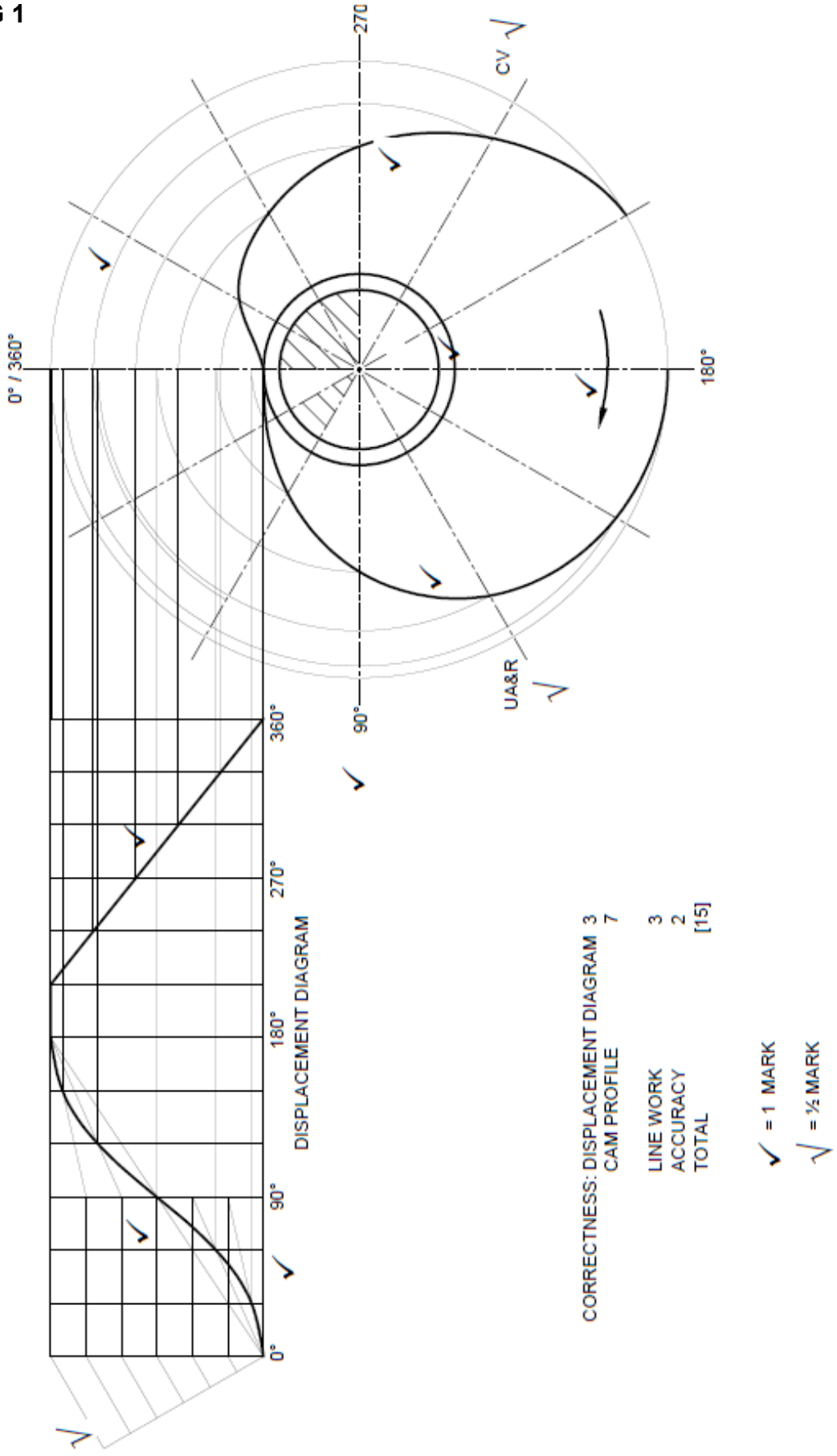
Kopiereg voorbehou

## INSTRUKSIES EN INLIGTING

1. ALLe nasiensentrumbestuurders moet bewus wees dat die kopiëring en oordrag van tekeninge van CAD na Microsoft Word die akkuraatheid van die tekeninge kan affekteer.

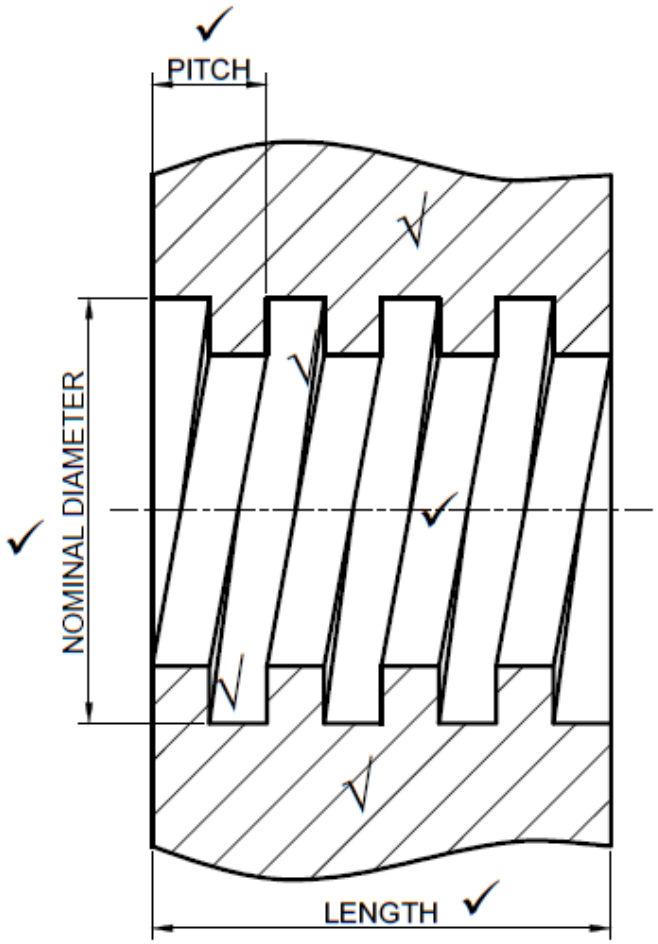
2. ALLE nasieners moet ’n volledig voltooide nasienriglyn hê om vir die nasienproses te gebruik.

**VRAAG 1**


270
CV
0° / 360°
180°
90°
UA&R
360°
270°
180°
90°
0°
DISPLACEMENT DIAGRAM
CORRECTNESS: DISPLACEMENT DIAGRAM 3
CAM PROFILE 7
LINE WORK 3
ACCURACY 2
TOTAL [15]
= 1 MARK
= ½ MARK

**[15]**

## VRAAG 2: SKROEFDRAAD



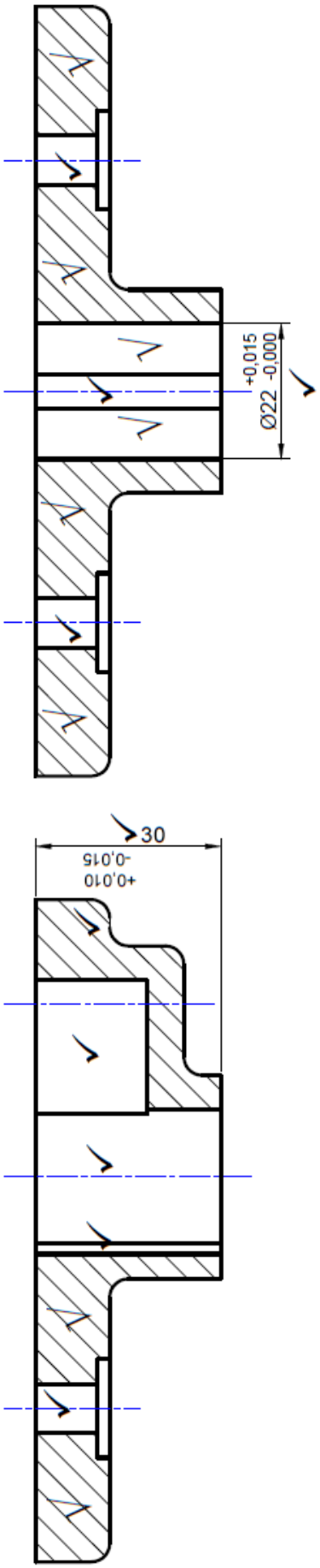

| | | |
|---|---|---|
| CORRECTNESS: | LENGTH | 1 |
| | NOMINAL DIAMETER | 1 |
| | PITCH | 1 |
| | DIRECTION | 1 |
| | INTERNAL | 1 |
| | DETAIL | 1 |
| LINE WORK | | 2 |
| ACCURACY | | 2 |
| TOTAL | | [10] |

✓ = 1 MARK

√ = ½ MARK

**[10]**

## VRAAG 3: DEURSNEETEKENING




| | |
|---|---|
| CORRECTNESS F/V | 6 |
| R/V | 6 |
| LINE WORK | 3 |
| ACCURACY | 3 |
| MACHINING SYMBOLS | 2 |
| TOTAL | 20 |

= 1 MARK

= ½ MARK

**[20]**

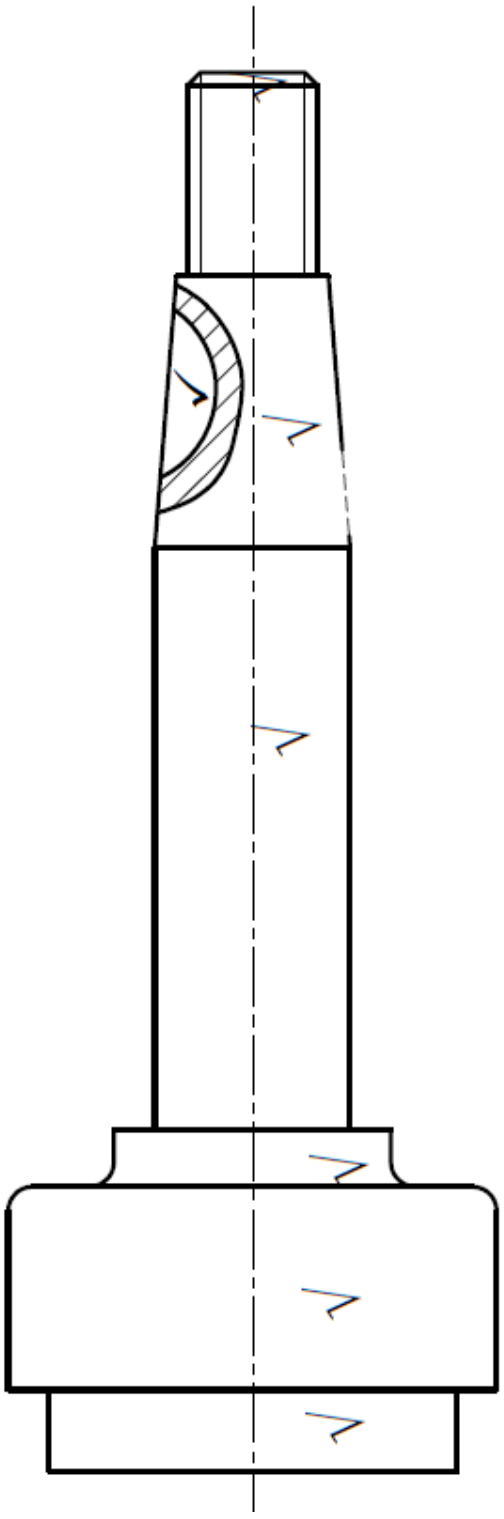
## VRAAG 4: GEDETAILLEERDE TEKENING

4.1

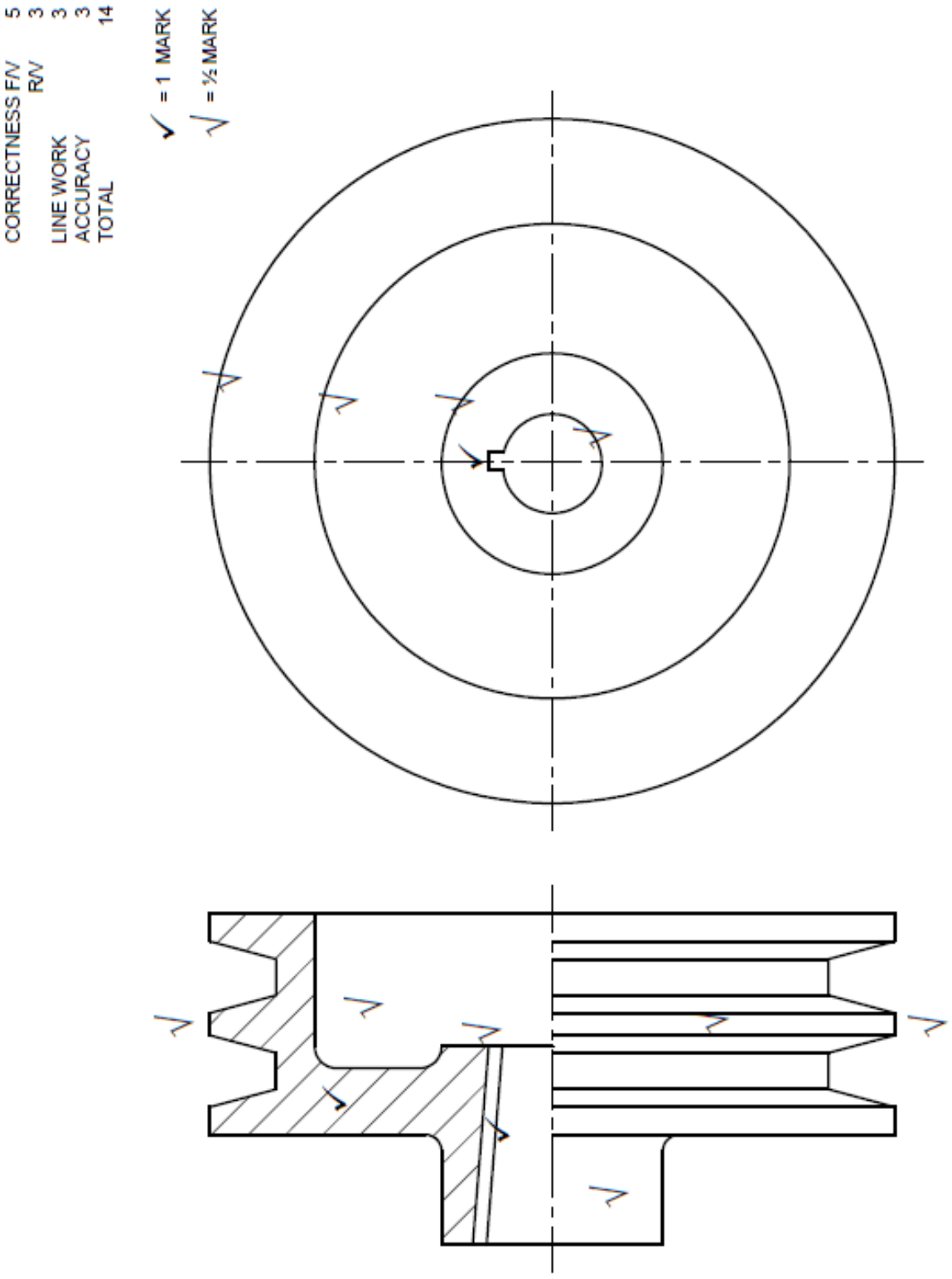
| | |
|---|---|
| CORRECTNESS | 4 |
| LINE WORK | 1 |
| ACCURACY | 1 |
| TOTAL | 6 |

√ = 1 MARK

√ = ½ MARK

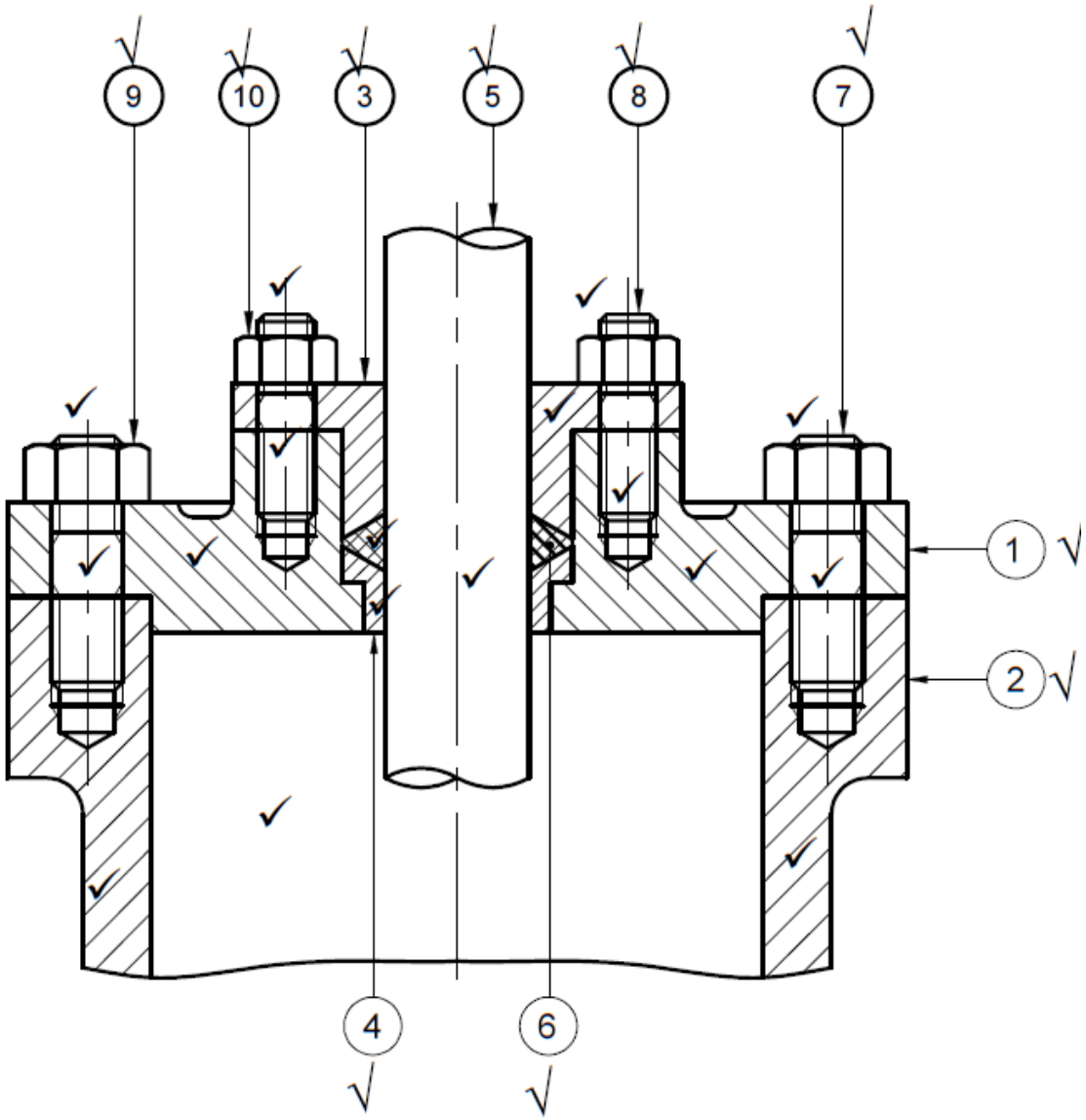


4.2


CORRECTNESS F/V 5
R/V 3
LINE WORK 3
ACCURACY 3
TOTAL 14
✓ = 1 MARK
√ = ½ MARK

**[20]**

**VRAAG 5**




| | |
|---|---|
| Correctness | 17 |
| Line work | 4 |
| Accuracy | 4 |
| Item numbers | 5 |
| Total | [30] |

| | |
|---|---|
| Overall layout, neatness and general impression of the answer sheet | [5] |

✓ = 1 MARK

√ = ½ MARK

**[35]**

**TOTAL: 100**

Kopiereg voorbehou