

**GAUTENG DEPARTMENT OF EDUCATION
GAUTENGSE DEPARTEMENT VAN ONDERWYS**

**SENIOR CERTIFICATE EXAMINATION
SENIORSERTIFIKAAT-EKSAMEN**

**GEOGRAPHY/ AARDRYKSKUNDE HG
(Second Paper / Tweede Vraestel)**

QUESTION / VRAAG 1

- | | |
|--|--|
| <p>1.1.1 B (1)
1.1.2 Freestate (1)
1.1.3 Bloemfontein (1)
1.1.4 Vaal River (1)
1.1.5 Wilge River (1)
1.1.6 Lesotho (1)</p> <p>1.2 28° 00' South; 26° 45' East
√ √ √ = (4)</p> <p>1.3 Mining (1)
True (1)</p> <p>1.4 -A large farming community requires services (1)</p> <p>1.5.1 (a) 620 mm (1)
(b) 22,5°C (1)
(c) 9,5°C (1)
(d) 13,0°C (2)</p> <p>1.5.2 Convection rain / Thunderstorms (1)</p> <p>1.5.3 -Low/No cloud cover, little rainfall (1)
-High re- radiation at night (1) = (2)
-Continental climate (1) (1)
(Any two)</p> <p>1.5.4 -Rainfall mainly in summer (1)
-Dry winters (1)
-Low minimum temperatures (1)
-Frost during winter (1) = (4) [25]</p> | <p>1.1.1 B (1)
1.1.2 Vrystaat (1)
1.1.3 Bloemfontein (1)
1.1.4 Vaalriver (1)
1.1.5 Wilgeriver (1)
1.1.6 Lesotho (1)</p> <p>1.2 28° 00' Suid; 26° 45' Oos
√ √ √ = (4)</p> <p>1.3 Mynbou (1)
Reg (1)</p> <p>1.4 -'n Uitgebreide boerderygemeenskap benodig dienste (1)</p> <p>1.5.1 (a) 620 mm (1)
(b) 22,5°C (1)
(c) 9,5°C (1)
(d) 13,0°C (2)</p> <p>1.5.2 Konveksiereën / Donderstorms (1)</p> <p>1.5.3 -Min/Geen wolkdekking a.g.v. min reën
-Hoë hitte-uitstraling snags (1) = (2)
-Kontinentale klimaat (1) (1)
(Enige twee)</p> <p>1.5.4 -Reënval hoofsaaklik in somer (1)
-Droë winters (1)
-Lae minimumtemperatuur (1)
-Ryp in die winter = (4) [25]</p> |
|--|--|

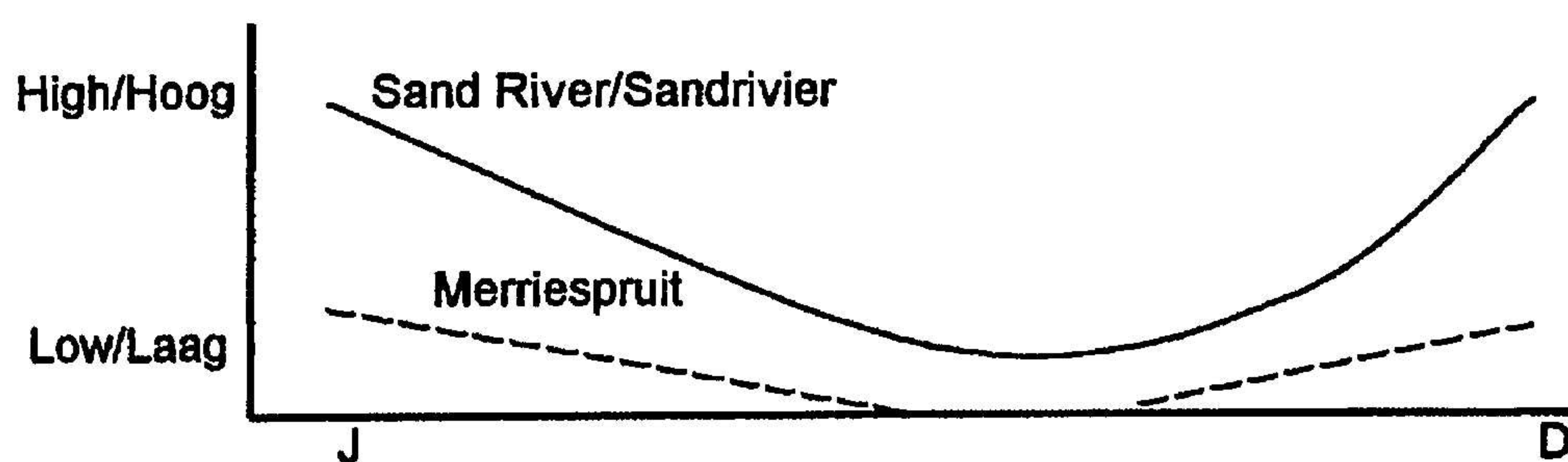
QUESTION / VRAAG 2

- | | |
|---|--|
| 2.1.1 Map distance 2,8 cm (2,9 cm) ✓
Scale x 500 m ✓
Real distance 1 400 m (1 450 m). ✓ =(3) | 2.1.1 Kaartafstand 2,8 cm (2,9 cm) ✓
Skaal x 500 m ✓
Werklike afstand 1 400 m
(1 450 m) ✓ =(3) |
| 2.1.2 J1/2 and K1/2 (2) (1 if incomplete) | 2.1.2 J1/2 en K1/2 (2) (1 indien onvolledig) |
| 2.1.3 One runway on topo map (1)
A second runway on orthophoto (1)
=(2) | 2.1.3 Een aanloopbaan op topokaart (1)
'n Tweede aanloopbaan op ortofoto (1)
=(2) |
| 2.1.4 -North-east & south-west winds
according to topo map (2)
-Expansion make provision for north-
westerly & south-easterly winds (2) =(4) | 2.1.4 -Noordooste & suidweste winde
volgens topokaart (2)
-Uitbreiding maak ook voorsiening vir
noordweste & suidooste winde (2) =(4) |
| 2.2.1 The angle with which Magnetic North
deviates from True north (2) | 2.2.1 Die hoek waarmee magnetiese noord
afwyk van ware noord (2) |
| 2.2.2 Declination 2001 19° 32' West ✓
Change 6' x 3 years +✓18' westward✓
Declination 2004 19° 50' West ✓ =(4) | 2.2.2 Deklinasie 2001 19° 32' Wes ✓
Verander 6' x 3 jaar + ✓18' weswaarts ✓
Deklinasie 2004 19° 50' Wes ✓ =(3) |
| 2.3 True bearing 138° 00' (± 1°) ✓
Magn. Decl. 19° 50' West ✓
Magn. Bearing 157° 50' (± 1°). ✓ =(3) | 2.3 Ware peiling 138° 00' (± 1°) ✓
Magn. Dekl. 19° 50' Wes ✓
Magn. Peiling 157° 50' (± 1°). ✓ =(4) |
| 2.4 1341,4 metre (1) | 2.4 1341,4 meter (1) |
| 2.5.1 Marsh / Vlei (1) | 2.5.1 Moeras / Vlei (1) |
| 2.5.2 Non-perennial water / Pan (1) | 2.5.2 Nie-standhoudende water / Pan (1) |
| 2.6.1 Reduce cultivatable land (1) | 2.6.1 Verminder ploegbare oppervlakte (1) |
| 2.6.2 -Purify water in nature (1). ✓
-Promotes wild (bird) life ✓
<u>Other</u> ANY ONE =(1) [24] | 2.6.2 -Suiwer water in die natuur ✓
-Bevorder wildlewe (voëls) ✓
<u>Ander</u> ENIGE EEN =(1) [24] |

QUESTION / VRAAG 3

- | | |
|--|--|
| 3.1.1 (a) Westward (1)
(b) Northward (1) | 3.1.1 (a) Weswaarts (1)
(b) Noordwaarts (1) =(2) |
| 3.1.2 -Flow over very gentle slope (2)
-Meandering (2)
-Narrow floodplain (2) ANY TWO =(4) | 3.1.2 -Vloei oor baie gelyk oppervlakte (2)
-Vorm kronkels (meanders) (2)
-Smal vloedvlakte (2)
ENIGE TWEE =(4) |

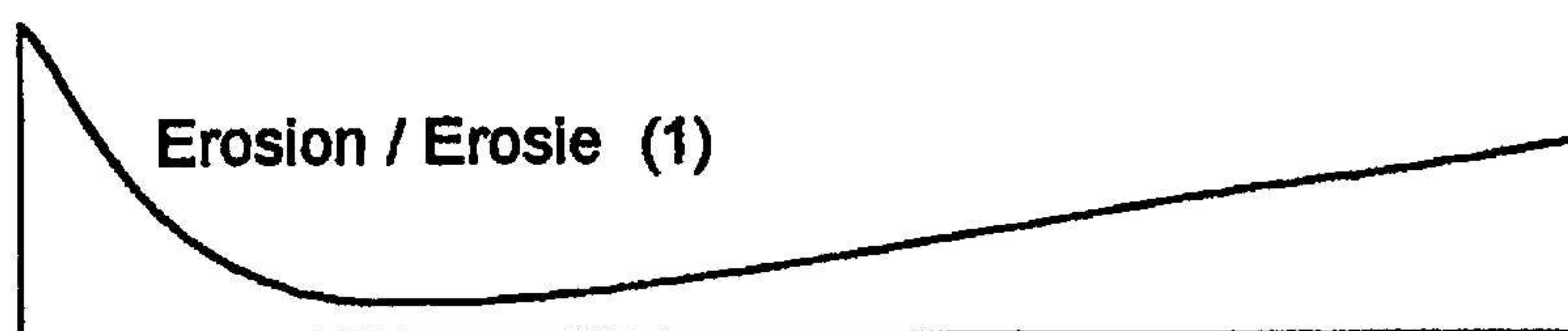
3.1.3



MARKS/PUNTE
 Permanent/Periodic
 Permanent/Periodies (2)
 High/Low run-off
 Hoë/Lae affoop (2)
 Summer maximum
 Somermaksimum (2)
=(6)

3.2

Sketch / Skets =2



Deposition / Afsetting (1)
=(4)

[16]

QUESTION / VRAAG 4

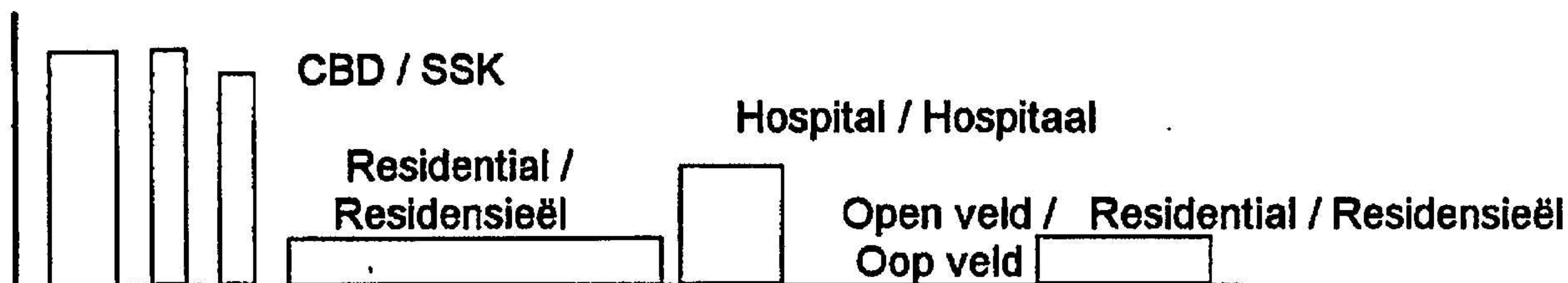
4.1.1 -Water (1) -Arable land (1) = (2)

4.1.1 -Water (1) -Ploegland (1) = (2)

4.1.2 -Isolated settlement refer to private landownership (2)
 -The farm has a name (2)
 -Large area cultivated, produce surplus (2)
 -Large area under mechanism (2)
 -Large number of hired workers at B (2)
 ANY TWO = (4)

4.1.2 -Geïsoleerde nedersetting dui op privaat grondbesit (2)
 -Die plaas het 'n naam (2)
 -Groot gebied bewerk, produseer surplus (2)
 -Groot gebied onder meganisasie (2)
 -Groot aantal gehuurde arbeiders by B (2)
 ENIGE TWEE = (4)

4.2



Profile (2) + Three labels (3) = (5)

*Profile can be a line

Profiel (2) + Drie byskrifte (3) = (5)

*Profiel kan 'n lyn wees.

4.3 -Temperature decrease towards N (2)
 -High building density in CBD absorbs more heat (2) 2+2=(4) **[15]**

4.3 -Temperatuur sal afneem na N (2)
 -Hoe gebouedigtheid in SSK absorber meer hitte (2) 2+2=(4) **[15]**

TOTAL / TOTAAL: 80