

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

**SENIOR CERTIFICATE EXAMINATION
SENIORSERTIFIKAAT-EKSAMEN**

**GEOGRAPHY / AARDRYSKUNDE SG
(Second Paper / Tweede Vraestel)**

QUESTION / VRAAG 1

<p>1.1.1 B (1) 1.1.2 Free State (1) 1.1.3 Bloemfontein (1) 1.1.4 Vaal River (1)</p> <p>1.2 28° 00' South; 26° 45' East (2)</p> <p>1.3 Mining (1) Crop farming (1) =(2)</p> <p>1.4 Specialised (2)</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 -Boreholes (Windmills) (1) -Water points (Fountains) (1) -Dams / Reservoirs (1) -River (1) Canals (1) ANY TWO =(2)</p> <p>1.5.4 -Hail -Frost -Sporadic droughts <u>Accept:</u> Insect pests ANY TWO =(2) Erosion / Flooding [20]</p>	<p>1.1.1 B (1) 1.1.2 Vrystaat (1) 1.1.3 Bloemfontein (1) 1.1.4 Vaalriver (1)</p> <p>1.2 28° 00' Suid; 26° 45' Oos (2)</p> <p>1.3 Mynbou (1) Akkerbou (1) =(2)</p> <p>1.4 Gespesialiseerd (2)</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 -Boorgate (Windpompe) (1) -Waterpunte (Fonteine) (1) -Damme / Reservoirs (1) -Rivier (1) Canal (1) ENIGE TWEE =(2)</p> <p>1.5.4 -Hael -Ryp -Sporadiese droogtes <u>Aanvaar:</u> Insekplae ENIGE TWEE =(2) Erosie / Vloed [20]</p>
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QUESTION / VRAAG 2

<p>2.1.1 Map distance 2,8 cm (2,9 cm) √ Scale x 500 m √ Real distance 1 400 m (1 450 m) √ =(3)</p> <p>2.1.2 J1/2 and K1/2 (2) (1 if incomplete)</p> <p>2.1.3 One runway on topo map (2) A second runway on orthophoto (2) =(4)</p> <p>2.2.1 A (1)</p> <p>2.2.2 Larger (1)</p> <p>2.3 138° (± 2°) (2)</p> <p>2.4 1341,4 metres (1)</p>	<p>2.1.1 Kaartafstand 2,8 cm (2,9 cm) √ Skaal x 500 m √ Werklike afstand 1 400 m (1 450 m) √ =(3)</p> <p>2.1.2 J1/2 en K1/2 (2) (1 indien onvolledig)</p> <p>2.1.3 Een aanloopbaan op topokaart (2) 'n Tweede aanloopbaan op ortofoto (2) =(4)</p> <p>2.2.1 A (1)</p> <p>2.2.2 Groter (1)</p> <p>2.3 138° (± 2°) (2)</p> <p>2.4 1341,4 meter (1)</p>
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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 Reduce arable land (1)	2.6. Verminder ploegbare oppervlakte (1)
[16]	[16]

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 Gentle (1)	3.1.2 Geleidelike (1)
3.1.3 Sand River – B (1) Permanent river (1) Merriespruit –A (1) Non-perennial (1) 2+2=(4)	3.1.3 Sandrivier – B (1) Permanent rivier (1) Merriespruit –A (1) Periodies (1) 2+2=(4)
3.2	Sketch / Skets (2)
	[11]

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 land-ownership (2) -The farm has a name (2) -Large area cultivated, produces surplus (2) -Large area under mechanisation (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)
4.1.3 Houses of farm workers (2)	4.1.3 Plaaswerkers se huise (2)
4.2.1 1: Islands / Deposition in river (1)	4.2.1 1: Eilande / Afsetting van rivier (1)
4.2.2 13: Sports field (1) Recreation	4.2.2 13: Sportveld (1) Ontspanning
4.2.3 14: Mine dump / Slimes dam (1) 15: Power lines (1)	4.2.3 14: Mynhoop / Slykdam (1) 15: Kragdrade (1)
4.2.4 16: Railway line (1) [13]	4.2.4 16: Spoorlyn (1) [13]

TOTAL / TOTAAL: 60