



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

JUNE EXAMINATION

TOURIST DESTINATIONS N4

31 MAY 2013

This marking guideline consists of 21 pages.

SECTION A**QUESTION 1**

- 1.1 Political map (1)
- 1.2 Gives detailed information about country, state and regional/provincial boundaries, towns and cities, roads and highways. Oceans, main rivers and lakes are about the only physical features on a political map, usually because these features form the boundaries between countries or provinces (2)
- 1.3
- Tourist maps filled with pictures of places are used to guide and help visitors to many towns and cities
 - Maps are drawn to show rock and soil formations and are used in planning building work or drilling for gas or oil
 - Maps help us travel from place to place and to understand the world around us. They help us plan our vacation trips and to follow news events throughout the world
 - Business men use maps to find markets for their products
- (Any 2 × 1) (2)
- 1.4
- 1.4.1 Northern Cape (2)
- 1.4.2 Kwazulu-Natal (2)
- 1.5 Linear (plain) scale (1)
- 1.6 Line that is subdivided to show distance between two objects, e.g. cities in the area, being mapped. (1)
- 1.7.
- 1.7.1 _____ (1)
- 1.7.2 ○ (1)
- 1.8
- Point symbols
 - Line symbols
 - Area symbols
- (Any 1 × 1) (1)
- 1.9
- 1.9.1 North-West (1)
- 1.9.2 South-east (1)
- 1.10
- 1.10.1 N1 (1)
- 1.10.2 900 km (2)
- 1.10.3 Bisho (1)

SECTION B**QUESTION 3**

3.1	3.1.1	Mopani		(1)
	3.1.2	• Bread basket • 70%		(2)
	3.1.3	Waterberg		(1)
	3.1.4	• Pilanesberg • Madikwe		(2)
	3.1.5	Pella		(1)
	3.1.6	• Tin rush • Naboom (Euphorbia)		(2)
	3.1.7	Ribbokkop		(1)
3.2	3.2.1	C		
	3.2.2	F		
	3.2.3	A		
	3.2.4	G		
	3.2.5	B	(5 × 2)	(10)
3.1	3.3.1	Cape Town International Airport		(1)
	3.3.2	• Interests of the family • Type of transport • Type of accommodation • Dietary requirements		(3)
	3.3.3	• Beaches • Die Plaat • Fernkloof Nature Reserve • Hoy's Koppie • Onrus River • Prawn Flats • Tidal Pools • Whale watching		(3)

- 3.3.4
- Golden Acre Shopping Centre
 - Victoria & Alfred Waterfront
 - Cavendish Square Shopping Centre
 - Canal Walk
- (2)
- 3.3.5 Afrikaans Language Monument in Paarl (1)
- 3.3.6 Organisation of itinerary (1)
 Identification of at least four places of interest
- **Braak, The Centre of town** A village green, originally used as a parade ground for the local militia and for festivals. There are several handsome buildings in the vicinity, among them: *Burgher House* (Burgerhuis) (1797) Bloem Str. Restored and furnished in period style. *St Mary's-on-the-Braak* Charming, thatched Anglican church built in 1852; *VOC Arsenal* (Kruithuis) Bloem Str. The oldest surviving powder magazine in South Africa and was built by the Dutch East India Company in 1777. It houses 17th Century cannons, flintlock muskets, VOC memorabilia and accessories of the Stellenbosch Regiments.
 - **Die Bergkelder** Mountain cellars tunnelled into the southern slopes of the Papegaaiberg are renowned for their magnificent vats, carved in 1968. Wine and cellar tours and tastings.
 - **Distell (formerly Stellenbosch Farmers' Winery) Outskirts of town on R310** Courses offered on Cape wines. Conducted tours.
 - **Dombeya Farm Delvera on the R44** Handspinning and dyeing workshop. Exclusive handknitted jerseys and knitkits.
 - **Dorp Street** One of the longest rows of old buildings still surviving and preserved in the world, including the old **Lutheran Church** (1851); the Town House at 116 Voorlegegen; **LaGratitude** (now a restaurant), with its 'all-seeing eye' in the gable, and the **Rupert Museum**, housing the Huberta Ruperts collection of world famous art pieces. **Oom Samie se Winkel** The oldest operating general dealer store in the country.
 - **D'Ouwe Werf Church Str** One of the first boarding houses in South Africa, recently restored and now an elegant hotel. It was built on the foundations of the town's first church (1687), destroyed by fire in 1710.
 - **Dutch Reformed Mother Church Drostdy Str** Originally gabled and thatched, the church incorporates the walls of the original church built in 1722. It contains the burial vaults of old Stellenbosch families.
 - **Giraffe House, The Exit 39 off N1, on R304** This Wildlife Awareness Centre is relatively new and focusses mainly on African wildlife. Daily animal encounters at 11:00, 13:00 and 15:00.
 - **Historical Walks** Three centuries of destructive fires, slavery, political unrest, fashion and social life come alive during a 60-minute walk through old Stellenbosch.

- **Hortus Botanicus Neethling Str** A botanical garden
- administered by Stellenbosch University. Indigenous succulents, orchids and cycads as well as welwitchias peculiar to the Namib Desert can be seen.
- **Jonkershoek & Assegaaibosch Nature Reserve** Permits at the gate. Flyfishing, mountain biking and hiking trails.
- **Lanzerac Jonkershoek Rd** Today a hotel, the 150-year-old homestead features Cape Dutch architecture.
- **Old Lutheran Church Cnr Dorp & Bird Sts** Houses the Stellenbosch University Art Gallery where exhibitions of student art are held from time to time.
- **Oude Libertas Amphitheatre** Concerts, ballets and other entertainment are staged from Dec-March. Wine is served during intervals and the audience is encouraged to bring picnic baskets to Sunday concerts.
- **Pniel At the foot of Helshoogte pass between Stellenbosch and Franschhoek** Originally a mission station, Pniel, means 'Face of God'.
- The **Freedom Monument** was erected in 1993 and commemorates the abolishment of slavery in 1843.
- **Rhenish Complex** The Cape Dutch building houses the toy museum.
- **Spier** The historic Cape Dutch buildings and beautiful riverside gardens set the stage for a celebration for the finer things in life - food, wine, art and music. There are restaurants, an open-air amphitheatre, wine centre and banqueting halls. Visit the birds of prey at Eagle Encounters.
- **Stellenbosch Village Museum Ryneveld Str** Yesteryear prevails in a unique site museum comprising four homesteads and gardens ranging from late 17th to middle 19th century. Each is furnished in the style of its period, down to woodsmoke and fresh herbs.
- **Toy & Miniature Museum Market Str** The museum houses a collection of 1:12 scale miniatures, room boxes, antique dolls, cars and a small shop.
- **University Museum** Incorporating the Sasol Art Museum and University of Stellenbosch Art Gallery, Ryneveld Str. The old 1907 Bloemhof School houses the SASOL Art Museum. The University has rich holdings of sculptures, paintings, ceramics and graphics by South African and foreign artists as well as prehistoric artefacts, southwestern and central African domestic and ritual objects, weaponry and costumery.
- **Wiesenhof Game Reserve** Plains game, birds, children's playground, fishing, mountain biking, picnics.
- **Wine Route** Opened in 1971, it is the first Wine Route to be established in South Africa and comprises over 200 wine farms and estates. Many offer lunches in the garden in summer and in front of a fire in winter.

(4)

Made provision for meals and breaks	(1)
Management of time	(2)
Provision of additional information such as safety and security tips	(2)
	[40]

QUESTION 4

- 4.1
- Choet Visser Rugby Museum
 - Fire Station Museum
 - Freshford House Museum
 - National Museum
 - War Museum
 - Queens Fort Military Museum
 - Unit Museum
 - Wagon Museum
- (Any 3 × 1) (3)
- 4.2
- Dairy
 - Wheat
 - Maize
 - Cattle
 - Sheep
- (Any 2 × 1) (2)
- 4.3
- Arts & Crafts
 - Ernst Oppenheimer Theatre
 - Gold Museum
 - Moth Memorial
 - Aandenk
 - Afrikaans Language Monument
 - Joanne Pim
 - World War ii
 - Voortrekker monument
 - Dog monument
 - Museum of Welkom
- (Any 5 × 1) (5)
- 4.4
- 4.4.1 Smithfield
- A muzzle-loading ship's cannon named after Margaret 'Grietjie' Findlay, wife of gunner Robert Findlay, used to bombard the fort of Thaba Bosiu during the Basotho Wars. Upon inauguration, two gunners involved in the ceremony were killed when, after lighting the wick, they peered down the barrel.
- (2)
- 4.4.2 Dealesville
- This archaeological gem – a near-intact 40-000-year-old man's skull – was found at Soutpan near Dealesville. A replica is now in the Bloemfontein National Museum.
- (2)

- 4.4.3 Fouriesburg
A unique sandstone formation in the shape of a finger. (2)
- 4.4.4 Steinkopf
The sacred mass grave of 23 Nama children massacred by Khoisan while the Nama elders were attending church. (2)
- 4.4.5 Kuruman
It is the largest natural fountain in the southern hemisphere. A spring delivering 20 million litres of water daily to 71 000 inhabitants, the water flows from solution cavities in the dolomitic Ghaap Plateau and cracks in the mammoth doleritic dykes and sills that thrust their way into prominence from the earth's core some 190 million years ago. The spring nurtures an endangered species of cichlid fish. Stocked with goldfish, carp, barbel and blue kurper, The Eye has full café, curio and ablution facilities. (2)
- 4.5 4.5.1
- Airplane
 - Car/game vehicle
 - Canoes/kayak/boat
- (3)
- 4.5.2 All meals are included (1)
- 4.5.3
- Mpumalanga
 - Kwazulu Natal
- (2)
- 4.5.4 OR Thambo International Airport (1)
- 4.5.5
- Walking safaris
 - Dolphin and whale speedboat excursions
 - Guided canoe trip
 - Snorkelling
 - Kayaking
 - Cultural tour
 - Canoeing
 - Forest walks
 - Guided boat trip
- (Any 3 × 1) (3)
- 4.5.6 Adventure and nature lovers (2)
- 4.5.7 Isimangaliso Wetland (1)
- 4.5.8 Money given in return for some service (1)
- 4.5.9
- Marula
 - Knob
 - Silver Cluster Leaf
 - Mopani
 - Leadwood
 - Apple Leaf
- (Any 3 × 1) (3)

- 4.5.10 (a) **Apartheid Museum** – A chilling reminder of a not-too-distant past the rise and fall of apartheid. Photographs, film and video shows, permanent and temporary displays and voice-overs all immerse you in South Africa's issues and conflicts
- (b) **Gold Reef City** – A wonderful re-creation of the pioneering Johannesburg during the gold rush, centring around an original mine shaft. The process of gold production is interactive: start with a tour down a 2 000m mine, watch a 'gold pour' and pick up a bullion. A theme park, casino, hotel, world-class theatre, restaurants and tribal dancing all contribute to making this one of Johannesburg's primary tourist attractions.
- (c) **Museum Africa** – Strikingly designed, An innovative museum, covering everything from the Big Bang to the Silicon Chip. A wellspring of geology specimens, paintings, prints, photographs and objects from the Zambezi to Cape Agulhas, charting the history of our land in myriad creative and sometimes startling ways. Up-to-date research and expert advice in geology, archaeology, anthropology and history combine to tell an objective story. *Bensusan Museum of Photography and Library*, hosted here, includes rare and valuable precision-made photographic equipment.

(3)
[40]

QUESTION 5

5.1	5.1.1	True
	5.1.2	False
	5.1.3	True
	5.1.4	False
	5.1.5	False
	5.1.6	True
	5.1.7	False
	5.1.8	False
	5.1.9	False
	5.1.10	True

(10 × 1) (10)

5.2.1	5.2.1	C		
	5.2.2	B		
	5.2.3	A		
	5.2.4	D		
	5.2.5	A		
	5.2.6	B		
	5.2.7	D		
	5.2.8	D		
	5.2.9	B		
	5.2.10	A	(10 × 1)	(10)
5.3	5.3.1	• UKhahlamba-Drakensberg Park • Greater St. Lucia Wetland Park		(2)
	5.3.2	Zulu Bushman/San		(2)
	5.3.3	Agree with the statement as the itinerary makes provision for hiking, canopy tours, mountain biking, snorkelling, 4×4 trip and birding.		(2)
	5.3.4	Optional extra's is additional activities that is not included in the price of the tour but are available at an additional cost.		(1)
	5.3.5	Service includes breakfast, lunch and dinner.		(1)
	5.3.6	• Howick Museum • Laager Wall • Military Cemetery • Nelson Mandela Capture Site • War Memorial	(Any 4 × 1)	(4)
	5.3.7	• Mozambique • Swaziland • Lesotho		(3)

- 5.3.8 KwaZulu-Natal enjoys sunshine year-round with a temperate, sub-tropical climate. Despite its varied topography from the 3,000-metre peaks of the Drakensberg in the west to the sub-tropical wetlands of the Elephant Coast in the north-east, the province enjoys hot and humid summers (October –April) and mild winters (May – September).

In general, the coast is subtropical with sea temperatures around the low 20°C and seldom dropping below 19°C. The inland regions become progressively cooler further west particularly at night.

(2)

- 5.3.9
- Ethekewini-Durban
 - Ukhahlamba-Drakensberg
 - Pietermaritzburg-Midlands
 - Elephant Coast

(Any 3 × 1)

(3)
[40]

QUESTION 6 – NORTHERN CAPE AND EASTERN CAPE

6.1 6.1.1 H

6.1.2 A

6.1.3 G

6.1.4 I

6.1.5 F

6.1.6 B

6.1.7 C

6.1.8 J

6.1.9 E

6.1.10 D

(10 × 1) (10)

6.2 6.2.1 1871
New Rush

(2)

6.2.2 Town under the trees

(1)

6.2.3 Star of the West
Kimberley

(2)

6.2.4 Kalahari Gemsbok
Gemsbok National Park

(2)

- | | | | |
|-----|-------|---|-----|
| | 6.2.5 | Underground water supply | (1) |
| | 6.2.6 | Camel and Rider | (1) |
| | 6.2.7 | Orange | (1) |
| 6.3 | 6.3.1 | Big 5, Birdwatching and Wildlife | (3) |
| | 6.3.2 | Paul Kruger Gate | (1) |
| | 6.3.3 | (a) The deeply carved canyon formed by the fast-flowing waters of the Motlatse (Blyde) River has created a dramatic gorge, the world's third largest canyon and the biggest green canyon. In places it is up to 1 000 metres deep and 5 km wide. | (2) |
| | | (b) Three Rondavels are three round mountain tops with slightly pointed tops, very similar to the traditional round or oval African homesteads made with local materials called rondavels. They are sometimes also called the Three Sisters. They were once known as The chief and his three wives – the flat-topped peak represented Mapjaneng, famous for opposing invading Swazis in a memorable battle is on the right, whilst the rondavels are three of his more troublesome wives – Magabolle, Mogoladikwe and Maseroto. | (2) |
| | | (c) Gods Window is so called for the panoramic view of the Lowveld more than 900 m down into lush indigenous forest clad ravine. The majestic cliffs plunge over 700 meters to the Lowveld. God's Window is a small part of a 250 km long earthwork of sheer cliffs and extravagant beauty. | (2) |
| | | (d) Berlin Falls - Falls on the Motlatse River Water forces its way through a narrow gully before falling almost 50 m into a dark plunge pool. This national monument is 45 m high and came into being when, over many eons, the soft sandstone rock was eroded to form this basin shaped waterfall.
Lisbon Falls - A sheer semi-circular drop (92 m), the highest in the area. The river separates into three streams as it plunges into the pool below. | (2) |
| | 6.3.4 | (a) Bourke's Luck Potholes | (1) |
| | | (b) Pilgrim's Rest | (1) |
| | | (c) Power Magazine | (1) |
| | | (d) Sudwala Caves | (1) |

- | | | | |
|-------|--|-------------|-------------|
| 6.3.5 | <ul style="list-style-type: none"> • Kruger National Park • Kruger Lowveld • Grass & Wetlands • Cosmos Country | (Any 2 × 1) | (2) |
| 6.3.6 | <ul style="list-style-type: none"> • Innibos • Nelspruit | | (2) |
| | | | [40] |

QUESTION 7

- | | | |
|-----|---|--|
| 7.1 | <ul style="list-style-type: none"> • Kwazulu-Natal • Free State • Eastern Cape | (3) |
| 7.2 | Maseru | (1) |
| 7.3 | Spiral Aloe | (1) |
| 7.4 | <p>7.4.1 <u>Lobamba, Swaziland</u>
 This 'ghost town' is the remnant of an early gold mining endeavour. The abandoned, horizontal mine shafts can be safely explored with a torch.</p> <p>7.4.2 <u>Piggs Peak, Swaziland</u>
 Dating from 43 000 BC and possibly the oldest known iron ore mine in the world.</p> <p>7.4.3 <u>Mbabane, Swaziland</u>
 The largest granite rock in the world. A good spot for a picnic lunch. It takes two hours to hike from Mbabane to the rock and the views over the country are excellent.</p> <p>7.4.4 <u>Fraserburg</u>
 The six-sided Peperbus (Pepper Box), designed by the Reverend Bamberger and built by Adam Jacobs in 1861 as an office, has housed the church, the magistrate and the municipality. The bell was rung whenever fire broke out, as well as an evening curfew rung at 9pm.</p> <p>7.4.5 <u>Sutherland</u>
 The last active volcano south of the equator is to be found close to the observatory. It was active 66 million years ago.</p> | <p>(3)</p> <p>(3)</p> <p>(3)</p> <p>(3)</p> <p>(3)</p> |

7.5 7.5.1

With a gross domestic product (GDP) valued at R811-billion (US\$112-billion), Gauteng generates 33.9% of South Africa's GDP and an astonishing 10% of the total GDP of the entire African continent. Gauteng dominates the South African economy in every major sector except agriculture, mining and quarrying. (And even its agricultural output, with 97% of the land urbanised, beats that of the rural Eastern Cape, which is 10 times its size.)

An estimated 40.6% of South Africa's manufacturing is done here, a third of its electricity, gas and water output, 41.9% of the country's construction, 39.7% of its finance, real estate and business activity, 34.8% of its wholesale, retail, motor trade and accommodation, 32% of transport, storage and communication, and 38.8% of general governments services.

The Gauteng economy itself is dominated by tertiary industries. The finance, real estate and business services sector makes up 22.8% of the province's gross domestic product, with manufacturing contributing 16.5%, government services 16.3%, and the wholesale, retail, motor trade and accommodation sector 12.6%

(3)

7.5.2

Organisation of itinerary

Identification of at least 4 places of interest

- **19th Century Mine Stope** *Simmonds Str* Part of the old Ferreira Mine Camp, this is one of many sub-surface diggings.
- **ABSA Money Museum** *187 Fox Str* A museum dedicated to the history of the ABSA banking giant and the development of money in South Africa. It houses a collection of various forms of money used, such as beads and shells and traces its development from the primitive to the modern.
- **Apartheid Museum** *Gold Reef Rd, Ormonde* A chilling reminder of a not-too-distant past - the rise and fall of apartheid. Photographs, film and video shows, permanent and temporary displays and voice-overs all immerse you in South Africa's issues and conflicts.
- **Art Gallery and Sculpture Gardens** *Klein Str* Set in Joubert Park and near Johannesburg Station, it houses a fine collection of South African and international art, including French Impressionist and 20th Century Abstract works.
- **Art Institute SA Audio-visual** *Hyde Park Corner* Film and audio-visual material on South African and international art.
- **Bezuidenhout Park** *Dewetshof, below Observatory Ridge* On this 100-yearold Doornfontein farm, the original homestead, graveyard and some old oak trees remain.
- **Bokkie Park** *Southvale Rd, Parkdene* An educational park housing farm animals, giving city children a 'touch-'n-'feel' experience of farm life.

- **Chris Lessing Boxing Museum** Pays tribute to the courage of the pugilist with a series of photographs and exhibits.
- **Constitution Hill Braamfontein** Johannesburg's notorious Old Fort Prison Complex, where thousands of people were brutally punished, is situated at this Heritage Site. Many political activists, such as Mahatma Gandhi, Nelson Mandela, and Walter Sisulu were detained here.
- Prime attractions include the Old Fort; Number Four, the infamous black men's prison; the Women's Gaol museum and the adjacent Constitutional Court, the highest court in the country. The cells have been converted into an interactive museum where photographs and prison artefacts can be seen.
- **Delta Park including the Florence Bloom Bird Sanctuary** A 104ha park originating from the translocated water treatment plant. It has a sensory garden catering for the disabled with some 200 species of birds while several small mammals live in the park. The centre has environmental and educational exhibits and displays. A special exhibit is an elephant bird egg, with a volume equal to seven ostrich eggs.
- **Diagonal Street** A unique, historic part of the CBD, covering about six km² with skyscrapers such as the Carlton Centre, Marble Towers, Trust Bank Building and 11 Diagonal Street, owned by Absa Bank. It is a unique building, resembling a multi-faceted diamond. In the 1950s the area fell into urban decay but today it is a great place for shopping. In the tradition of the 1800s Indian traders, you can find anything from material, including bold African prints, hardware, kitchenware to traditional muthi (medicinal herbs, animal skins and bones) used by sangomas for centuries.
- **Die Ou Kaaphuis Pretoria Ave 'The Old Capehouse'**, graced by period Cape furniture.
- **Emmarentia Dam** Adjoining the Braamfontein Spruit and the
- **Johannesburg Botanical Garden** The dam is a popular playground for canoeists, board sailors, scuba divers and model-boat enthusiasts. The gardens boasts terraced ponds, fountains, a Shakespearean garden with herbs and roses, an indigenous herb patch and an amazing collection of succulents.
- **Enoch Sontonga Memorial Brixton Cemetery** A large marble cube, in the middle of a park-like graveyard, is the memorial to the author of one of South Africa's national anthems, Nkosi sikele' iAfrica (God Bless Africa), Enoch Sontonga.
- **First National Bank Museum Market Str** Learn about the process of money-making and the history of one of South Africa's oldest banking institutions.
- **Flora Farm Garden Village Honeydew Rd West, North Riding** For floral aficionados.

- **Flower Market** Sit in on flower auctions or buy cut flowers from wholesalers.
- **Gandhi Square** *Rissik & Fox Sts* Originally known as Van der Bijl Square, it was renamed in honour of the revered Indian lawyer, Mahatma Gandhi, who peacefully fought racial discrimination in the early 1900s. The square is across the road from his original law office.
- **George Harrison Park** *Main Reef Rd* A 10-stamp battery mill, once used to crush ore, is on display on the site of George Harrison's 1886 discovery of the Witwatersrand's main gold-bearing reef. Also available for viewing are two original shafts and sweeping views of the city. The park is locked but entrance can be arranged. (It is wise to go to the park in a group.)
- **George Lea Park** *Parkmore* Open daily, a pleasant park with jungle gyms, mazes, roundabouts, swings and a waterslide.
- **Gold Reef City** *Crown Mines* A wonderful re-creation of the pioneering Johannesburg during the gold rush, centring around an original mine shaft. The process of gold production is interactive: start with a tour down a 2 000m mine, watch a 'gold pour' and pick up a bullion. A theme park, casino, hotel, world-class theatre, restaurants and tribal dancing all contribute to making this one of Johannesburg's primary tourist attractions.
- **Guild Hall** *Harrison & Market Sts* The oldest pub in Johannesburg, its décor recalls the early days of the gold rush.
- **Haenggi Foundation Inc** *Harrison Str* The 'Pel mama' Permanent Collection of African and Modern Art.
- **Harvey Wild Flower Reserve** *Kallenbach Drive, Linksfield* An unspoilt section of the Linksfield Ridge, with beautiful views of Johannesburg and the Magaliesberg. An unmarked walking trail starts here and ends at Gillooly's farm.
- **Hermann Eckstein Park** *Jan Smuts Ave, Saxonwold* Its 100ha include the Zoological Grounds, the South African National Museum of Military History and **Zoo Lake**, donated to Johannesburg by mining company Werner Beit in 1903, a large park surrounding an idyllic lake where boats can be hired.
- **Hillbrow** *Atop Hospital Hill Ridge*, the most densely populated residential area in the Southern Hemisphere and the streets of countless immigrants and newcomers to the city. Dominated by the 269m Telkom Tower, Africa's tallest building.
- **Hindu Crematorium** *New Cemetery Rd* Built in 1918 on ground originally bought by Mohandas K Ghandi, a practising barrister at the time.

- **Hospital Hill** Taking its name from the old General Hospital, the hill houses the *Johannesburg Fort*, designed for the South African Republic by Colonel AH Schiel in the 1890s. Originally built by Paul Kruger to protect Johannesburg if Kruger's Boer republic went to war with Britain, it became a prison for both hardened criminals and political prisoners. Many famous activists, including Gandhi and Mandela have been incarcerated here. Only open to special tours. *The Medical Research Institute*, the *Civic Centre* and the *Civic Theatre* - centre of Johannesburg's opera, ballet, drama and music - are found on the Hill.
- **Indian Mosque Market & Nugget Sts** A beautiful, 71-year-old mosque with a 30m minaret.
- **James Hall Museum of Transport Pioneer Park, La Rochelle** The largest and most comprehensive land-transport museum in South Africa, established by the late Jimmie Hall and the City of Johannesburg in 1964. The museum shows land transport in all its forms: ox-wagons, coaches and carts, bicycles, motorbikes, trams, fire engines, buses, tractors, trains and cars - from the Model T Ford to electric cars.
- **Jewel City Commissioner Str** An agglomeration of South African and international jewellery manufacturers, diamond cutters and associated industries.
- **Johannesburg Zoo Jan Smuts Ave, Parkview** 54ha of beautifully landscaped gardens, 2 070 animals and 365 species. Day tours, night tours and 'behind-the-scenes' tours (visit the hospital, the kitchens and witness food preparation), 5 or 10km Sunday morning Zoo Trot and much more.
- **Joubert Park King George & Klein Sts** The city's oldest, busiest and closest to the CBD, park fronts the Johannesburg Art Gallery and Conservatory and is within walking distance of Johannesburg station.
- **JSE Securities Exchange SA** One of the top twenty exchanges in the world, converted to fully automatic trading in 1996. STRATE, a new electronic settlement system came into operation during 2001. In addition to its main board, the JSE has a Development Capital Market (DCM) and a Venture Capital Market (VCM), with less stringent requirements, aimed at helping small companies raise finance. Besides the JSE, there is the SA Futures Exchange (SAFEX) dealing in financial futures and options and the SA Bond Exchange (BESA) trading in government and institutional bonds and stocks.
- **Kareebosrand Conservancy** Sunday Hiking.
- **Kim Sacks Art Gallery 153 Jan Smuts Ave Parkwood** Tribal and folk art.
- **Kingston Frost Aloe Park Auckland Park** Many indigenous aloes bloom in June and early July.

- **Klipriviersberg Nature Reserve** *Mondeor A* ±700ha nature reserve offering guided walks, hiking trails, 600 indigenous plants and trees, 170 species of birds. Settlements of the BaTswana can still be found among the hills.
- **Kyalami Race Track** *Allandale Rd* The home of South African motor racing hosting local and international motorsport. Taking its name from the isiZulu 'khaya lami' (my home), the 1 000ha farm was converted into a racetrack for cars and motorcycles in 1961. In 2004 a consortium bought the track from AA and have promised that they were committed to bringing world class events to the Kyalami.
- **Market Theatre**
- **Madiba Freedom Museum**
- **Mellville** A vibrant suburb established in 1896, known for its coffee shop vibe and bustling nightlife. Explore Seventh Avenue, the setting and title of a local TV drama, Sewende Laan, book shops, antique shops, clothing designers, the largest selection of beads in Gauteng, some of South Africa's oldest entertainment venues and popular eateries and the Saturday Farmer's Market. Art galleries, such as Thompson Gallery showcasing bold South African art. The gallery is a renovated, turn-of-the-century house with a view of Melville Koppies. The Gordon Froud's Gordart Gallery, just two houses away also offer great opportunities for new talent and the work is vibrant, original and provocative. Visual Arts Gallery is a dynamically designed gallery offering an impressive portfolio of art, sculpture, graphics and prints.
- **Mellville Koppies Nature Reserve** *Emmarentia* Indigenous Witwatersrand vegetation covers this archaeological site where Stone Age relics have been found. Two Iron Age furnaces have also been discovered and preserved in the reserve. Walks vary in length but all are pleasant, offering wonderful views of Johannesburg's northern suburbs.
- **Melrose Bird Sanctuary** *Melrose Rd* Home to a wide variety of birds, many of which nest in thick reedbeds beside a dam. There is a hide for birdwatchers. Adjacent to the **James and Ethel Gray Park** it has the Sandspruit River flow through it.
- **Monte Casino Bird Gardens** *Fourways* Mainly exotic birds such as the Eurasian Eagle Owl, the largest owl in the world and stork.
- **Nelson Mandela Bridge** .
- **Newtown Cultural Precinct**
- **Oriental Plaza** *Main Rd, Fordsburg* A vibrant centre of 360 stores offering Eastern goods, exotic fabrics, linens, eclectic goods and various bargains, a sensory experience.
- **Phumagena Zulu Kraal** *DF Malan Dr* Experience the Zulu culture first-hand with tribal dancing, traditional meals and spiritual guidance from a sangoma's ancient wisdom.

- **Pioneer Park** *Rosettenville Road Ext* Transport Museum; Santarama; miniature tram rides; swimming pool, Wemmer Pan Rowing Club, restaurant, picnic and barbecue area.
- **Poswohl Synagogue** *Doornfontein* South Africa's oldest synagogue and now a national monument.
- **Public Library** *Market & Simmonds Sts* SA's largest library, boasting a priceless collection of first editions and rare publications.
- **Rand Easter Show** *Nasrec* If you're in Johannesburg around Easter, don't miss this two week festival of trade exhibitions and amusement parks. A monorail transports you around the large grounds.
- **Randjieslaagte Beacon** *Louis Botha Ave & Boundary Rd* Beacon marking the apex of the triangular wasteground on which Johannesburg was built in 1886.
- **RAU Art Gallery** Exhibitions by South Africans and Europeans are given on a rotational basis on the University of Johannesburg campus, previously known as Rand Afrikaans University.
- **Rhodes Park** *Kensington* A 24ha park with a small lake and amphitheatre, a restaurant and bowling club and attractive, terraced gardens.
- **SAB World of Beer**
- **SABC (South African Broadcasting Corporation)** *Auckland Park* Featuring some of the world's most advanced television studios, the corporation offers free tours.
- **Santarama Miniland** A wonderful re-creation of South African institutions, from Zululand huts to the Drommedaris, Jan van Riebeeck's ship, all built to a scale of 1:25. Its name is derived from the acronym of its beneficiary, the South African National Tuberculosis Association.
- **South African National Museum of Military History** *Saxonwold* An extensive research library, an archive of twelve aircraft, edged weapons, medals, a midget submarine, armoured flight vehicles, artillery, small arms and uniforms, and a gallery of war art.
- **St Mary's Cathedral** The 1887 Anglican cathedral has a capella commemorating fallen WW1 South African soldiers.
- **Standard Bank Gallery** *Simmonds & Frederick Sts* A permanent display of award-winning art from the Standard Bank Arts Festival held annually in Grahamstown, Eastern Cape.
- **'The View'** The home of the Transvaal Scottish Regiment, housing a fine collection of military and regimental memorabilia.
- **The Wilds** *Houghton Estate* An 18ha park including two rocky ridges flanked by indigenous plants, such as Cape fynbos, strelitzias, clivias, arum lilies, proteas and trees such as yellowwood and cabbage.

- **Top of Africa Commissioner Str** The 50th floor of Africa's tallest office building, the **Carlton Centre**, affords the visitor 223m-high panoramic views of South Africa's largest urban sprawl and a useful geographic orientation.
- **University of the Witwatersrand (Wits) Jorissen Str** A university formed in Kimberley and moved, in the 1920s, to the ridge which gives this area its name. It has often been embroiled in controversy because of the progressive nature of its alumnus. It is a treasure-house of museums and other educational venues, including the following: *African Art Museum; Anthropology Museum; Geology Museum; Herbarium; Music Museum; Palaeontology Museum; Planetarium; Zoology Museum; Medicine Museum.*
- **Adler Museum of Medicine** Over 40 000 objects depicting the history of medicine, dentistry and pharmacy including documents, sculptures, pictures, videos and philatelic and medallion collections, a library of rare books, reference library, reconstructions of an early 20th century pharmacy, an African Herbalist Shop, a dental surgery, a doctor's consulting room and an optometry display of the same period.
- **Adler Museum of the History of Music** Valuable repository of historical works and instruments.
- **Anthropology Museum and Resource Centre** Since its establishment in 1923, it has played a leading role in its field of study in South Africa and across the world.
- **Bernard Price Institute for Palaeontological Research Renamed the James Kitching Gallery** Features fossils from the areas of palaeontological research. Fred and Fang, two life-sized dinosaurs reconstructed from fossils provide the highlight.
- **Bleloch Geological Museum** A magnificent collection of rocks, gems and minerals. Booking is essential.
- **CE Moss Herbarium** Houses several collections, a library and equipment. The main collection includes about 100 000 specimens - mostly from South Africa but also from further afield.
- **Department of Historical Papers** With more than 2 400 separate collections it is one of the largest and most complete independent archives in South Africa. The focus is on South Africa, which provides a fascinating insight into the development of the country. Material comes in all forms: letters, minutes, memoranda, diaries, notes, documents, parish registers, press clippings, scrapbooks, drawings, photographs, slides, articles, pamphlets, posters, stickers, badges, T-shirts and oral interviews. Papers date back as far as the beginning of the 17th century.

- **Planetarium** *Yale Rd* Cosmically entertaining and educational programmes are shown throughout the year.
- **Zoology Museum** The only natural history museum in Johannesburg. It contains the largest collection of embryological slides in the southern hemisphere - 40 000 in all - and the total collection exceeds 60 000 specimens.
- **Wemmer Pan** For impressive views and a quiet stroll, visit this small stretch of water. An active rowing club calls Wemmer Pan home.
- **Workers' Museum** *Jeppe Str* A tribute to the Working Man in the restored Electricity Department compound. The Workers' Library is a resource centre.
- **Zoo Lake**
- **Zwartkops Raceway** *Just past Kyalami towards Pretoria West* Facilities include the most advanced and biggest driver education centre in Africa (offering advanced driver education and skid-pan training), an environmentally friendly 4x4 driver training and vehicle evaluation facility, the only internationally licensed kart circuit in South Africa and an international high-speed circuit for motorsport, advanced driver training and product testing.

Mark allocation will be as follows:

- | | | |
|-------|---|-------------|
| | • Organisation of itinerary | (1) |
| | • Identification of at least FOUR places of interest | (4) |
| | • Provision for meals and body breaks | (1) |
| | • Viability in terms of time | (2) |
| | • Provision of additional information such as safety and security tips | (2) |
| 7.5.3 | <ul style="list-style-type: none"> • Aquarium and Reptile House • Austin Roberts Bird Sanctuary • Ditsong National Museum of Natural History • Groenkloof Nature Reserve • National Zoological Gardens | (5) |
| 7.5.4 | 1. Union Buildings | (1) |
| | 2. Nelson Mandela Bridge | (1) |
| | | [40] |

TOTAL SECTION B: 160
GRAND TOTAL: 200