



SACLAP

SOUTH AFRICAN COUNCIL FOR THE LANDSCAPE ARCHITECTURAL PROFESSION

REGISTRATION EXAMINATION

MARCH 2010

SECTION 2: LANDSCAPE DESIGN

No.	Question	Marks
1.	Master Planning/Design Framework	(15 in total)
1.1	<p>A developer requests you to submit a scope of works proposal for the landscape master plan that they require for a proposed wildlife estate in a rural area in the Waterberg or Cederberg. The development</p> <p>The site comprises the following elements:</p> <ul style="list-style-type: none"> • Site area: 160 Hectare • Homestead dated 1949 • Family grave yard • Wetland located in an old farm dam • Significant quartzite ridges • Vegetation consists of indigenous trees, primary veldgrass including localized areas of red data summer bulbs • A perennial stream • Areas of existing cultivated crop fields <p>a. List, in point form, 10 aspects and relevant issues that you would address in your scope of works proposal to your client.</p> <p>b. List 4 aspects on which would arise out of the master plan process which you will be able to give input into the EIA process.</p> <p>c. What is the purpose of a landscape master plan?</p>	15
2.	Landscape Design	(20 in total)
2.1	<p>An international developer requires a comprehensive fee proposal based on the SACLAP recommended fee guideline document for the full scope of work for landscape architectural services. The construction period is expected to be 12 months with an additional 12 month landscape maintenance guarantee period. The intention of the developer is to appoint you on a fixed price basis.</p> <p>List and briefly explain these services and stages.</p>	18

2.2	Should the developer opt to appoint his horticulturist to do the planting design for the project, how would that effect your proposal above?	2
3	Cost Estimation	(20 in total)
3.1	Refer to the scenario in question 1 above. List the aspects which need to be incorporated into a landscape cost estimate and motivate your answer.	10
3.2	Discuss the difference between a bill of quantities and a cost estimate.	6
3.3	List and describe the typical items to be quantified under pedestrian paving.	4
4	Working Drawings and Documentation	(30 in total)
4.1	List the differences between a construction guarantee and retention and motivate your preference between the two methods of security.	8
4.2	You are required to issue working drawings for construction purposes. List the most important information which must be indicated on these drawings.	10
4.3	List the typical items which should be allowed for under Preliminaries and General in a bill of quantities.	6
4.4	List the items which should be covered when writing a specification for the planting of a <i>Plumbago auriculata</i> .	6
5	Technical Skills	(15 in total)
5.1	A site instruction with a cost implication must be issued to a selected sub-contractor. List the protocol which must be followed in such a case.	5
5.2	When drafting an agenda for a site meeting for a landscape contract, list 10 most appropriate headings which should be included in such a meeting.	5
5.3	List the three stages of completion in terms of the JBCC.	3
5.4	List 4 critical requirements for the successful design of an automatic irrigation system.	2
	TOTAL	100