



SACLAP
SOUTH AFRICAN COUNCIL FOR THE
LANDSCAPE ARCHITECTURAL PROFESSION
 REGISTRATION EXAMINATION

MARCH 2006

SECTION 2 : LANDSCAPE DESIGN

| No. | Question | Points |
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| 1. | Master Planning/ Design Framework | |
| 1.1 | <p>You are invited by the City of Tshwane to submit a professional service proposal for the development of a regional resort. The site comprises the following:</p> <ul style="list-style-type: none"> • Homestead dated 1902 • Family graveyard matching the date of the homestead • Historical plantings of category one alien invaders around the house • A perennial stream with a natural wetland flowing through the resort • Man-made dam invaded with hyacinths • Picnic & braai area • Children's play area • Caretakers cottage • Informal gravel parking area • Areas of natural vegetation remain <p>The brief calls for the re-development of the resort, including a master plan and development guideline document, which should also address all legal requirements that should be adhered to as part of this redevelopment initiative. New activities that must be catered for in the design, include a walkway across, and bird hides near the stream, improvement of the biodiversity of the stream and wetland, incorporation of the old homestead into a restaurant or coffee shop, an environmental education centre and a formal parking area. As part of the master plan development, priorities for phasing and cost estimates must be provided.</p> <p>List the items / activities you would include in your proposal to your client in order to allow you to complete the required scope of work for the design framework and guidelines for the site.</p> | 12 x 0,25 = 3 |
| 1.2 | Explain, in point form, what you would propose, in general, for the scope of works when preparing a landscape master plan? | 6 x 0,5 = 3 |
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| 2 | Design | |
| 2.1 | Your firm is appointed as landscape architectural consultants for a new head office of a blue-chip company that will be constructed in Sandton. Your brief is to develop designs for the entire outdoor area of the head office property, including water features, hard and soft landscape elements etc. to deliver a fully integrated scheme to the client. Focusing on the design aspects, list the elements and plans which you will include to illustrate how you will apply your design skills to this project? | 6 x 0,5 = 3 |
| 2.2 | Confirm to your client in point form, your design brief as described in the SACLAP Client-Landscape Architect Agreement Stages of Work. | 12 x 0.25 = 3 |
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| 3 | Cost Estimation | |
| 3.1 | List all the column headings at the top of a bill of quantities | 6 x 0,25 = 1.5 |
| 3.2 | How do you specify plant material (what aspects must be included in the specification and bill of quantities) in order to ensure that your size requirements are met by the contractor? | 6 x 0,25 = 1.5 |
| 3.3 | Describe the process you would follow to prepare an accurate cost estimate which could be used as the basis of a bill of quantities for tender purposes. | 6 x 0,5 = 3 |
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| 4. | Working Drawings & Documentation | |
| 4.1 | List 12 items which should be placed on the agenda for a formal site handover meeting. | 12 x 0,25 = 3 |
| 4.2 | What is the purpose of: a) The Construction Guarantee b) Retention monies c) PC amounts d) Contingency amount e) Variation Order f) End-of warranty inspection which relates to plant material | 6 x 0.5 = 3 |
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| 5. | Technical Skills | |
| 5.1 | List 2 technical resources to assist the LA in each of the following categories: a) Draughting: b) Landscape design: c) Presentation drawings: d) Quantification and estimation e) environmental planning f) visual assessment | 6 x 0.25 = 3 |
| 5.2 | List the advantages and disadvantages of conventional drawn methods over Computer Aided Design. | 6 X 0,5 = 3 |
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| TOTAL | | 30 |