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MATHEMATICAL LITERACY P2

ADDENDUM

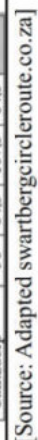
SEPTEMBER 2023

MARKS: 150

TIME: 3 hours

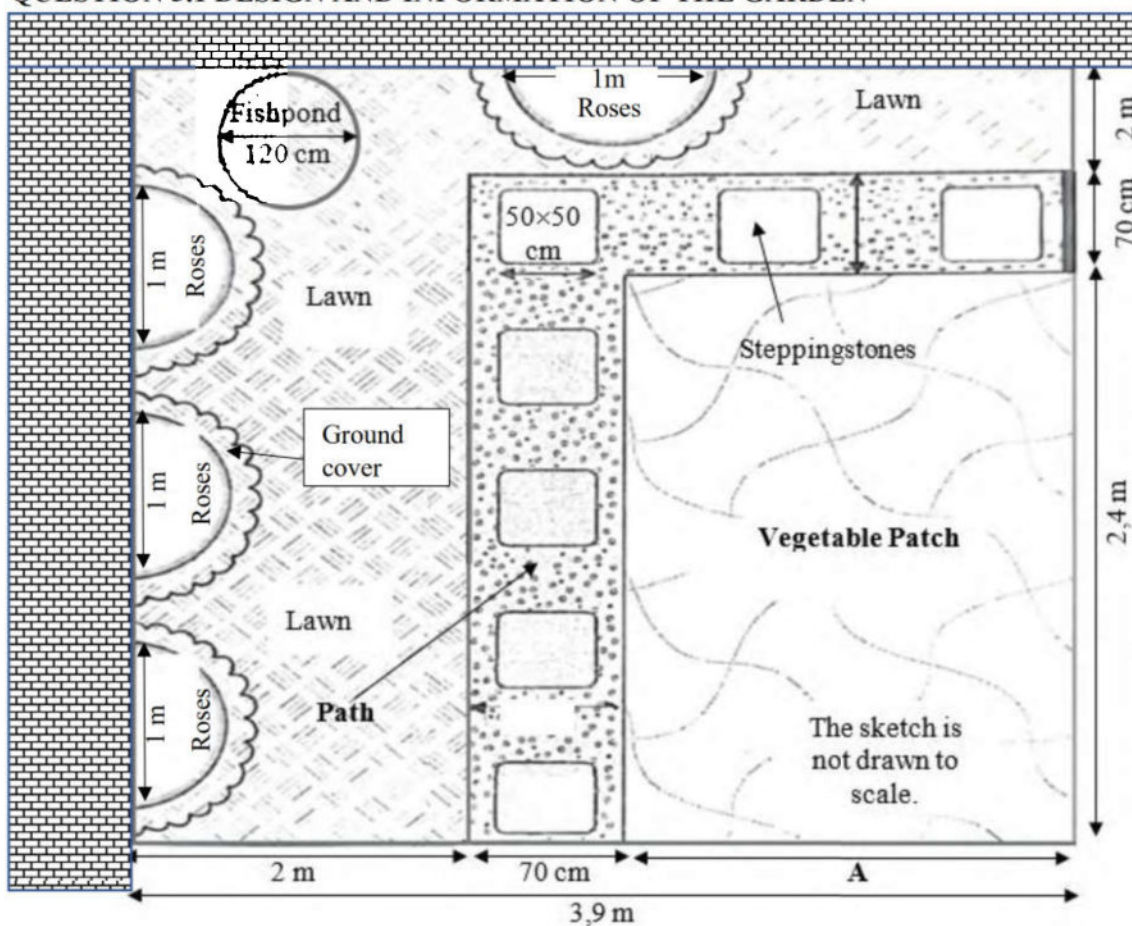
This addendum consists of 4 pages with 3 annexures.

ANNEXURE A - QUESTION 2.1: MAP OF THE SWARTBERG CIRCLE ROUTE



ANNEXURE B

QUESTION 3.1 DESIGN AND INFORMATION OF THE GARDEN



NOTE:

- The circular fish pond has a diameter of 120 cm and is 65 cm deep.
- The roses are planted in semi-circular flowerbed with a diameter of 1 m.
- The path is 70 cm wide.
- On the path is seven stepping stones each with dimensions of 50 cm x 50 cm.

You may use the following formulae:

Perimeter of rectangle = $2(\text{length} + \text{breadth})$

Area of rectangle = $\text{length} \times \text{breadth}$

Volume of cylinder = $\pi \times \text{radius}^2 \times \text{height}$, use $\pi = 3,142$

Circumference of circle = $2 \times \pi \times \text{radius}$, use $\pi = 3,142$

ANNEXURE C:

QUESTION 4.1 MAP – WINDHOEK TO JOHANNESBURG

