

Section A - Multiple Choice Questions**Section B - Fill in the Blanks****Section C - Short Answer Questions****Section D - Long Answer Questions****Section E - Matching Questions****Section F - Case Study****Section F - Case Study**

Q1. A student conducted an experiment to study the effect of different fertilizers on the growth of plants. He used three different fertilizers (A, B, and C) and measured the height of the plants after 30 days. The results are shown below: Fertilizer A: Average height = 15 cm Fertilizer B: Average height = 20 cm Fertilizer C: Average height = 18 cm (a) Which fertilizer was most effective? (b) What are some factors that could affect the growth of plants besides fertilizers? (c) How could the experiment be improved to get more reliable results? (d) What is the importance of using control group in the experiments? (e) What are the dependent and independent variables in this experiment? (5 marks)