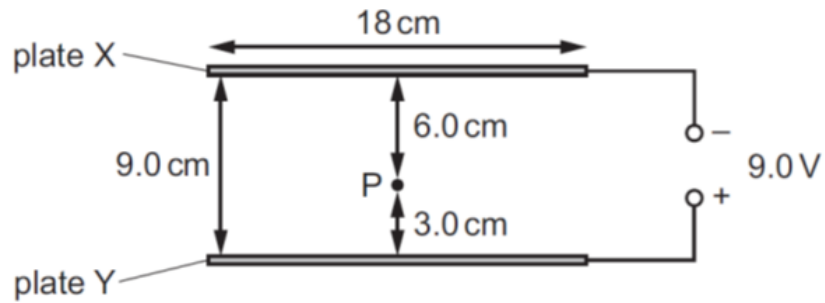20 Two parallel circular metal plates X and Y, each of diameter 18 cm, have a separation of 9.0 cm. A potential difference of 9.0 V is applied between them.

Point P is 6.0 cm from the surface of plate X and 3.0 cm from the surface of plate Y.

What is the electric field strength at P?

A 50 N C⁻¹   **B** 100 N C⁻¹   **C** 150 N C⁻¹   **D** 300 N C⁻¹