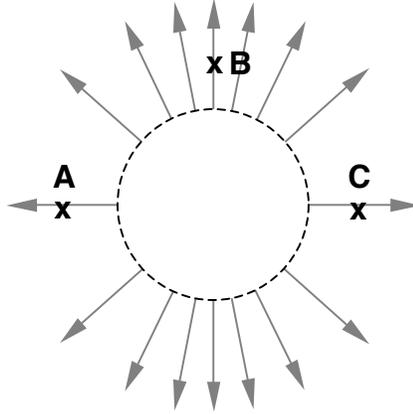


The figure below shows the **electric field lines** in the region of space surrounding the dashed circle. The electric field represented by these lines is caused by the “mystery” charged object or objects that are hidden under the circle.



(3) Compare the magnitude of the electric field at the points **A**, **B**, and **C** marked on the figure. Indicate which points have the smallest and largest fields, and if the field strength at any two (or three) of the points is the same. Provide a brief but *clear* explanation of your reasoning. [4]

(4) What sort of charged object or objects under the circle could have **produced** these field lines? Sketch and describe the object(s) you think might be responsible. [5]